

FILE NOTATIONS

Entered in NID File ..✓.....
 Location Map Pinned
 Card Indexed ..✓.....

Checked by Chief
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 12/1/52.....
 WW..... WW..... TA.....
 GW..... OS..... PA.....

Location Inspected
 Bond released
 State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.).....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 3093, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

660' FNL & 1978' FWL Section 22, T12S, R15E, SLB&M
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1760.0

19. PROPOSED DEPTH

7000

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7195 Ungraded Ground

22. APPROX. DATE WORK WILL START*

8/1/78

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½	13-3/8	48	150	Cement to surface
12¼	9-5/8	36	2000	250 sx.
7-7/8				

Operator proposes to drill a well to penetrate the upper 400' of the Mesaverde formation or to a total depth of 7000 feet. Should oil or gas be found in commercial quantities, 4½" production casing will be run and cemented. The well will be drilled according to the attached prognosis and BOP equipment will be maintained at all times as specified in the Pressure Containment Plan attached. No water bearing formations are expected and no abnormal pressures, temperature or other potential hazards are anticipated.

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
588 West North Temple
Salt Lake City, Utah 84116

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

E. F. MULHOLLAND

TITLE

Operations Engineer

DATE

6/23/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

AUG 11 1978

CONDITIONS OF APPROVAL, IF ANY:

3-USGS,SLC,Utah, 1-Div of OG&M-SLC, Utah, 1-J.L. Wroble
1-E.R. Henry, 1-Partners,1-File

*See Instructions On Reverse Side

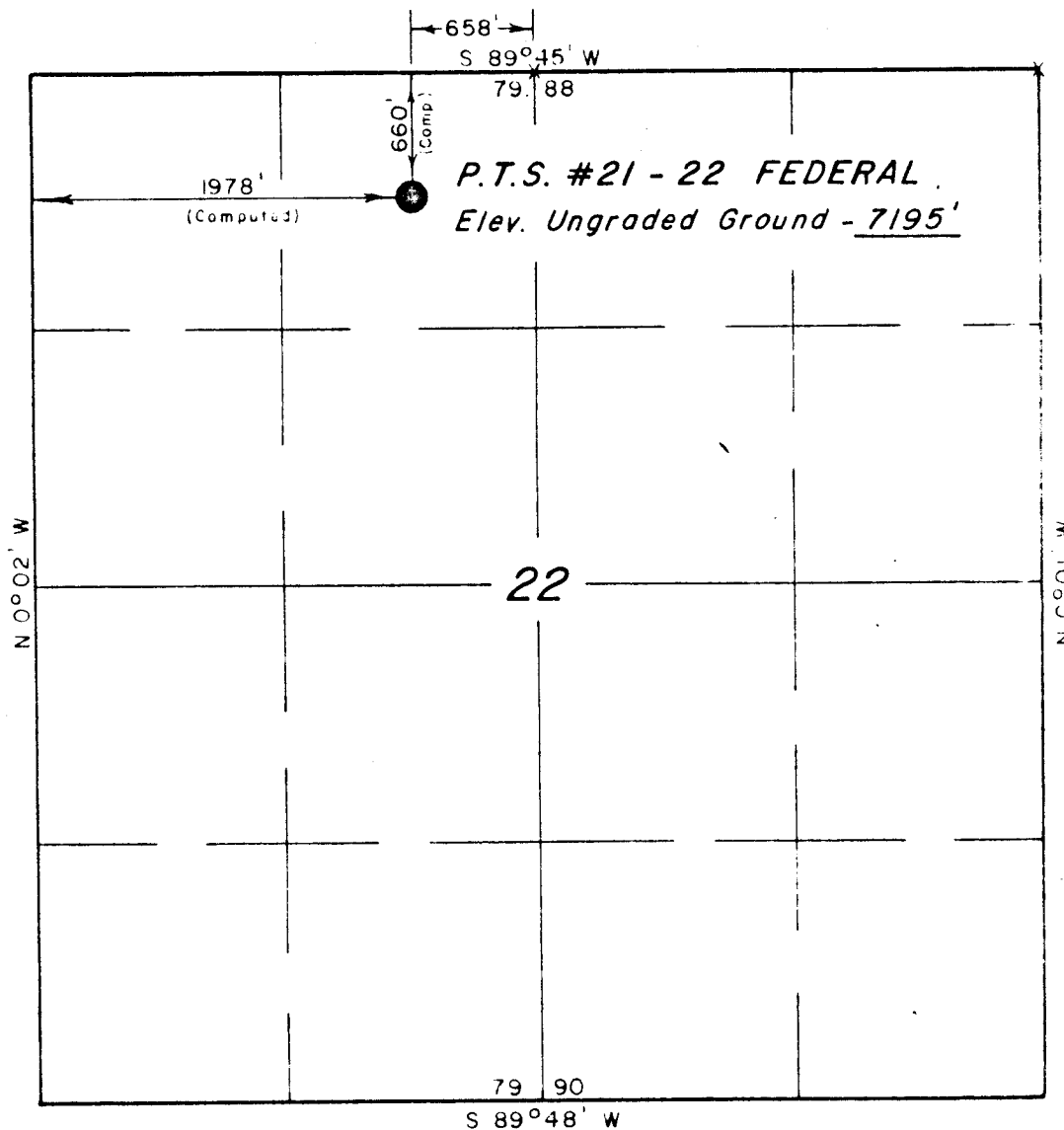
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYNECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

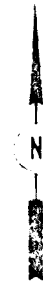
PACIFIC TRANSMISSION SUPPLY CO.

T12S, R15E, S.L.B. & M.

Well location, P.T.S. #21-22
 FEDERAL, located as shown in the
 NE 1/4 NW 1/4 Section 22, T12S, R15E,
 S.L.B. & M. Carbon County, Utah.



X = Section Corners Located



UNITED ENGINEERING & LAND SURVEYING
 BOX Q - 110 EAST FIRST SOUTH
 VERNAL, UTAH - 84078

1" = 1000'

5/30/78

GS SS MW

DJ

GLO Plat

Fair

PAC TRANS SUP.

EA No. 1187

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-11604

Operator Pacific Transmission Supply Co.

Well No. 21-22

Location 550-' FNL 1978' FWL Sec. 22 T. 1512S R. 15E

County Carbon State Utah Field Wildcat

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date July 18, 1978

Participants and Organizations:

<u>Gordon W. McCrary</u>	<u>USGS</u>
<u>Paul Buff</u>	<u>BLM</u>
<u>Mark Mackiewicz</u>	<u>BLM</u>
<u>Ron D. Dethlefsen</u>	<u>Pacific Transmission</u>
<u>Earl Cady</u>	<u>Ross Construction</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Related Environmental Analyses and References:

(1) Price and Resource Analysis

(2)

Analysis Prepared by:

Gordon McCrary

Date July 18, 1978

Reviewed by
John T. Evans
Environmental Scientist
Salt Lake City, Utah

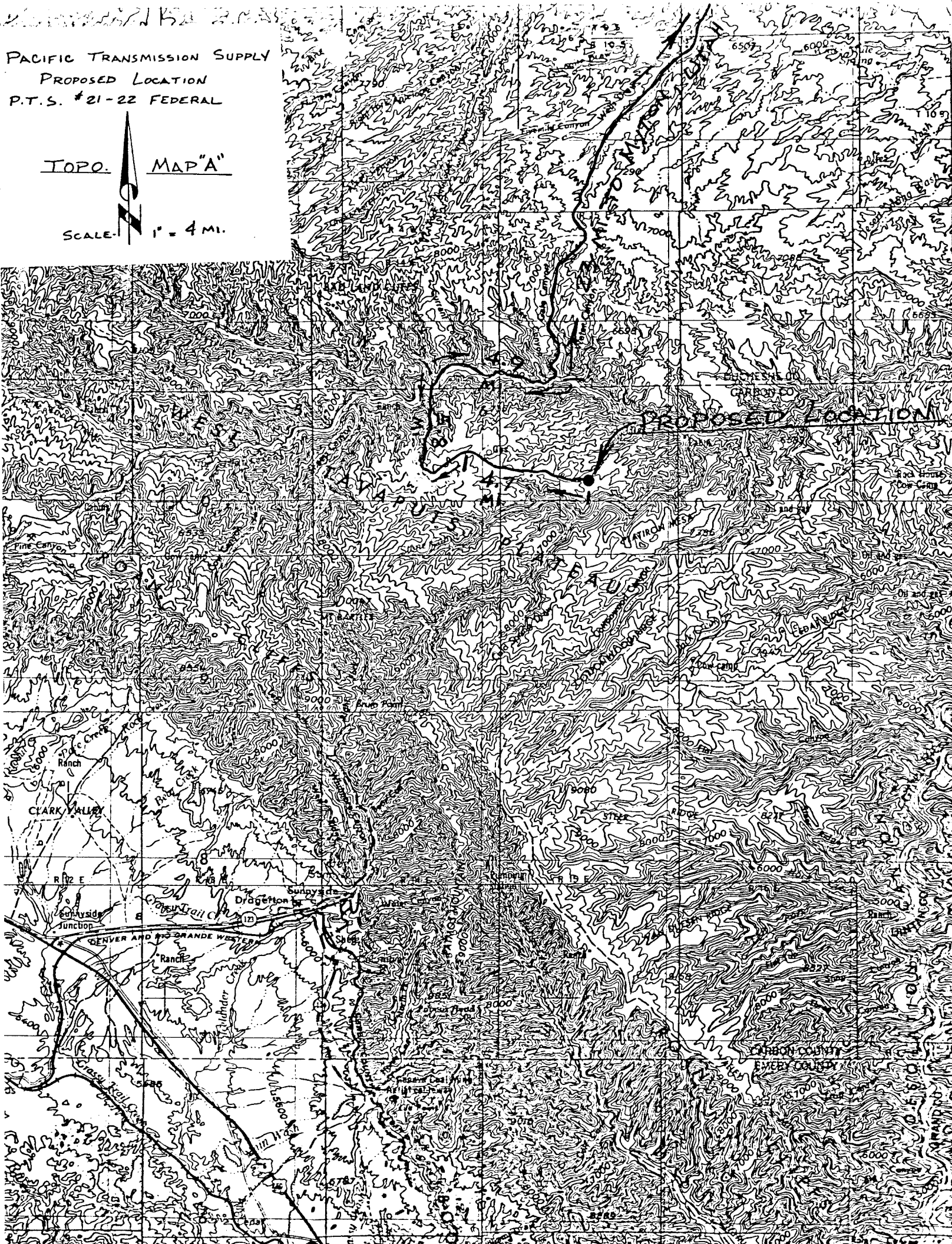
NOTED JOHN T. EVANS, JR.
7/26/78

*Loc moved
100' N NE*

TOPO. MAP "A"

TOPO. MAP "A"

SCALE- 1" = 4 MI.



Proposed Action:

On June 23, 1978, Pacific Transmission Supply Company filed an Application for Permit to Drill the No.21-22 exploratory well, a 7000-foot oil and gas test of the Mesa Verde formation; located at an elevation of 7195 feet on the Federal mineral lands and Public surface; lease No. U-11604. As an objection was raised to the wellsite, it was moved to 550 FNL & 1978feet FWL. (This did not change the¹¹¹~~111~~ coordinates.) There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral bearing formation would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The Operator proposes to construct a drill pad 200 feet wide by 325 feet and a reserve pit 100 feet by 150 feet. (A new access road will be constructed 18 feet wide by 350 feet long and upgrade 18 feet wide by 10.5 miles access road from an existing and improved road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is August 1, 1978 and duration of drilling activities would be about 45 days.

Location and Natural Setting:

The proposed drillsite is approximately 44 miles South of Myton, the nearest town. A fair road runs to within 350 feet of the location. This well is in the Wildcat field.

Topography:

Located on a relatively flat area in a small draw next to the Prickey Pear Canyon. The sides of the draw slope to the North and South and are relatively steep.

Geology:

The surface geology is Green River formation. The soil is silty and thinly distributed. No geologic hazards are known near the drillsite. Scismic risk to the area is minor. Anticipate geologic tops are filed with the 10-Point subsurface Protection Plan. There is possible coal in the Mesa Verde.

Approval of the proposed action would be conditioned that adequate and sufficient electric, radioactive, density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the ^{mud} ~~mid~~ levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to ^{drill} ~~drill~~-pipe.

A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques,

Geology (cont.)

drilling muds, and lost circulation materials may be effective in controlling lost circulation. Drilling muds ^{would} ~~will~~ be used.

A geologic review of the proposed action has been furnished by the area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon, juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Site was moved 100 feet NNE to reduce cut and provide a flatter area for construction, as the move put the well site within 600 feet of section line. A waiver ^{would be required from the State Oil & Gas Commission,} ~~will be~~ needed from agency involved. New survey not required, ~~as move is less than 200 feet.~~

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced. Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The drainage is to the Northeast into a nine mile creek. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems.

The potentials of pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 2 acres of vegetation.. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitate on the project area. The fauna of the area consists predominantly of the mule deer, ^{coyotes} coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archeaeological reconnaissance would be required prior to approval of the proposed action. Appropriate ~~the~~ clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distraction from aesthetics would occur over the

lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Carbon County, But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

There are no national state, or local parks forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Planning unit. This Environmental

Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not approving the proposed permit--The oil and gas lease grants the lessee exclusive right to drill for, mine extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of (oil and gas) should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2) Minor relocation of the wellsite would ~~not significantly~~ reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal - rehabilitation of the area such as contouring, reseeding, etc., would

be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan. The Site moved 100 feet NNE to reduce cut and provide little excess fill.

3) The location was moved 100 feet NNE to avoid large sidehill cuts.

Adverse Environmental effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exist. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Nine Mile Creek, would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).



District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-11609

OPERATOR: Pacific Transmission Supply Company WELL NO. 21-22

LOCATION: 1/4 NE 1/4 NW 1/4 sec. 22, T. 12S., R. 15E., SLM

Carbon County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? Yes.
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? No.

3. Other probable leasable minerals? Yes. Oil shale in the Green River formation (0-3,310' below KB).

4. Are hazardous fluids or gases likely? No.

5. Are abnormal conditions of pressure or temperature likely? No.

6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? Probably not.

7. Is additional logging or sampling needed? No.

8. References - remarks: USGS Files, Salt Lake City, Utah

Is location within 2 miles of a KGS? Yes. Less than 1 mile north of unnamed, undefined KGS.

Signature: Donald C. Alford Date: 07-14-78

WELL PROGNOSIS
PTS #21-22 FEDERAL
CARBON COUNTY, UTAH

LOCATION: 660' FNL, 1978' FWL Section 22, T12S, R15E, SLB&M, Carbon County, Utah

OPERATOR: Pacific Transmission Supply Company

LEASE: U-11604

DRILLING CONTRACTOR: To be selected

FORMATION TOPS AND DATUM:

	<u>Depth</u>	<u>Elevation</u>
Green River Formation	Surface	+7195
Wasatch	3312	+3883
Mesaverde	6619	+ 576
Total Depth	7000	+ 195

SAMPLE COLLECTION:

Ten (10) foot samples from under surface to total depth. Samples will be collected by drilling crew for the wellsite geologist. Two sets of samples will be caught in the oil shale section of the Green River formation - one set to be sent to the Bureau of Mines, Laramie Energy Research Center, 9th and Lewis, Laramie, Wyoming 82070, attention Pete Dana. Frequency of sample collection may be changed at geologist's discretion.

LOGGING PROGRAM:

Run #1: Log interval under surface casing to total depth prior to running 9-5/8" casing with Dual Induction Laterolog
Run #2: Dual Induction Laterolog
Borehole Compensated Sonic with Gamma Ray & Hole Caliper
Compensated Formation Density with Gamma Ray & Hole Caliper

MUD LOGGING:

Portable mud logging unit operated by wellsite geologist. Mud logging unit to be in operation from below surface casing.

DRILLSTEM TESTING:

All significant shows of oil and gas will be drillstem tested.

MUD PROGRAM:

<u>Interval</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Type</u>
0-150 air percussion				
150-2000	8.3-8.7	No control	No control	Wtr-Floculent
2000-5000	8.7-9.0	26-29	No control	Saltwater
5000-TD	9.2-9.5	34-45	12 cc/less	Salt Mud

Mud system from under surface to total depth to contain approximately 180 ppm nitrates to verify filtrate water.

DRILLING PROGRAM:

- 1) Move in air percussion rig. Drill 17½" hole and set +150 13-3/8" casing. Cement to surface.
- 2) Move in rotary tools and drill 12¼" hole to +2000 feet. Log and prepare hole for intermediate casing.
- 3) Set and cement +2000 feet of 9-5/8", 36#, K-55 casing. WOC.
- 4) Drill 7-7/8" hole to total depth. Log and evaluate well.
- 5) In the event the Mesaverde and/or Wasatch is found productive, run 4½", 11.6#, N-80 casing and cement across potential zones.
- 6) Release rig and develop completion procedure.

PERSONNEL & MAILING INFORMATION:

Dee E. Beardsley, Manager of Operations
Pacific Transmission Supply Company
P.O. Box 3093
Casper, WY 82602
Telephone: Office (307) 265-1027
Home (307) 234-7666

E. E. Mulholland, Operations Engineer
Pacific Transmission Supply Company
P.O. Box 3093
Casper, WY 82602
Telephone: Office (307) 265-1027
Home (307) 265-4191

B. W. Allen, Engineer
P.O. Box 2352
Casper, WY 82602
Telephone: Office (307) 234-3571
Home (307) 237-9023

NOTIFICATION OF SHOWS, DST'S AND UNUSUAL PROBLEMS:

Dee E. Beardsley	Office: (307) 265-1027	Home: (307) 234-7666
J. L. Wroble	(303) 571-1662	(303) 770-2667
Sam Boltz, Jr.	(303) 861-5858	(303) 355-4881
E. E. Mulholland	(307) 265-1027	(307) 265-4191
B. W. Allen	(307) 234-3571	(307) 237-9023

DISTRIBUTION OF INFORMATION:

PACIFIC TRANSMISSION SUPPLY COMPANY
P.O. Box 3093
Casper, WY 92602
Attn: Mr. D. E. Beardsley

PACIFIC TRANSMISSION SUPPLY COMPANY
633 - 17th Street, Suite 2140
Denver, CO 80202
Attn: Mr. J. L. Wroble

CHORNEY OIL COMPANY
401 Lincoln Tower Building
Denver, CO 80295
Attn: Mr. Sam Boltz, Jr.

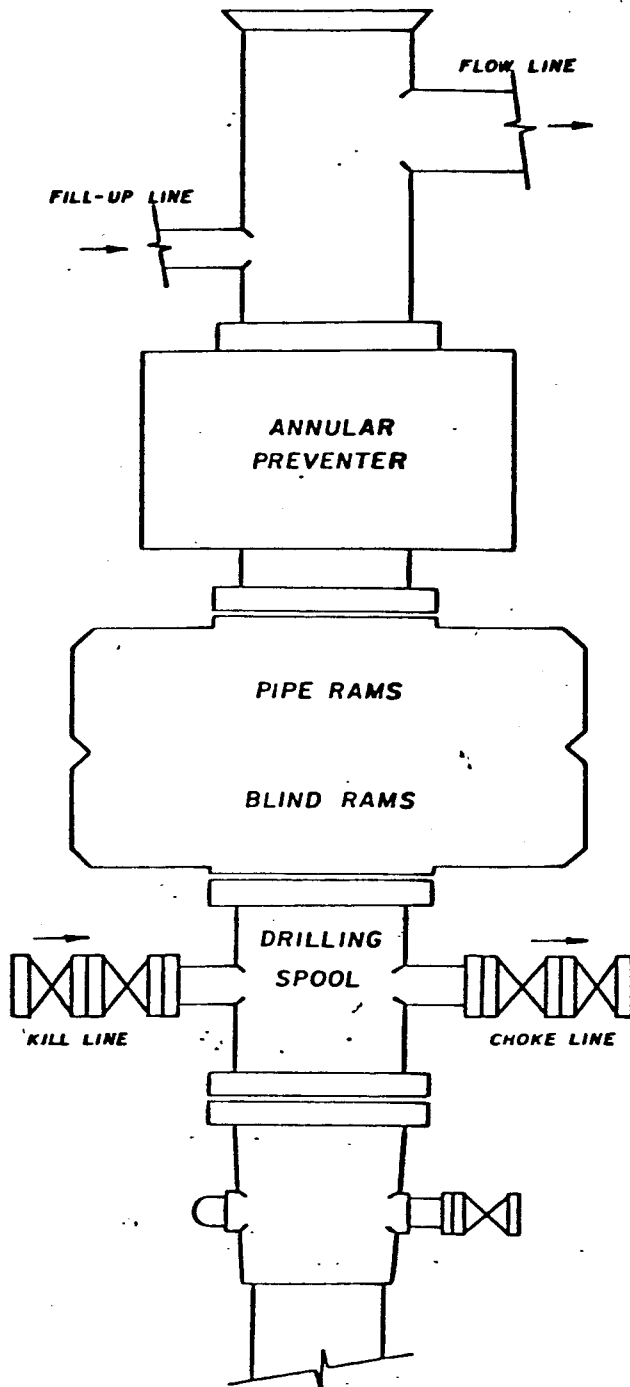
B. W. Allen, Engineer
P.O. Box 2352
Casper, WY 82602

DIVISION OF OIL, GAS, & MINING
1588 West
North Temple
Salt Lake City, UT 84116
Attn: Chief Petroleum Engineer

U.S. GEOLOGICAL SURVEY
8426 Federal Building
Salt Lake City, UT 84138
Attn: Mr. E. G. Guynn

PACIFIC TRANSMISSION SUPPLY

BOP AND PRESSURE CONTAINMENT DATA



1. BOP equipment shall consist of a double gate, hydraulically operated preventer with pipe and blind rams or two single ram type preventers, one equipped with pipe rams, the other with blind rams and an annular type preventer, all to be 10" - 3000 W.P.
2. BOP's are to be well-braced with hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required with sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator and/or flow sensors with alarms.
5. All BOP equipment, auxiliary equipment stand pipe and valves and rotary hose to be tested to the rated pressure of the BOP's at time of installation and every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

PACIFIC TRANSMISSION SUPPLY COMPANY

13 Point Surface Use Plan

for

Well Location

P.T.S. #21-22 Federal

Located In

Section 22, T12S, R15E, S.L.B. & M.

Carbon County, Utah

1. EXISTING ROADS

See attached Topographic Map "A", to reach the Pacific Transmission Supply Company well location, P.T.S. #21-22 Federal, located in the NE 1/4 NW 1/4 of Section 22, T12S, R15E, S.L.B. & M., from Myton, Utah:

Proceed Southwesterly out of Myton, Utah along U.S. Highway 40, 1.75 miles to the junction of this highway and Utah State Road 53 to the South. Proceed Southerly along the State road approximately 26.3 miles to the junction of this road and an existing dirt road to the South; proceed Southerly along this road 5.8 miles to the junction of this road and an existing dirt road to the Southeast; proceed Southeasterly along this road 4.7 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in an Easterly direction to the proposed location site.

There is no construction anticipated on any of the above described road. It will meet the standards necessary for the hauling of equipment during the drilling and production of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE 1/4 NW 1/4 Section 22, T12S, R15E, S.L.B. & M., and proceeds in an Easterly direction 350' to the proposed well location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the road where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this limit. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

2. PLANNED ACCESS ROAD - continued

The terrain that is traversed by this road is relatively flat and is vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

As shown of Topographic Map "B", there are no other wells within a one mile radius of the proposed well site. (See location plat for placement of Pacific Transmission Supply Company, well within the Section).

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Pacific Transmission Supply Company flow gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines of a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

The proposed water source to be utilized for the drilling of this well is from Nine Mile Creek, at a point located in the NE 1/4 Section 3, T12S, R14E, S.L.B. & M. The water will be hauled by truck approximately 11 road miles to the Southeast to the proposed location site.

In the event this water source is not acceptable, other arrangements will be made with the proper authorities for an alternate source.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, ect.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

The pits will have an overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent flammable materials from escaping and creating a fire hazard.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. See Location Layout Sheet and Item #9. When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

10. PLANS FOR RESTORATION OF SURFACE - continued

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A".)

The area is mountainous and is a portion on the Roan Cliffs.

The mountains are interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are extremely steep and ledges formed in sandstones, conglomerates, and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Green River formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period and of the Duchesne River formation in the lower elevations.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in this area.

The topsoil in the area range from a light brownish-gray shale (SM-ML) type soil poorly graded gravels and shales to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area in only 8".

Nine Mile Creek to the North of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in. It consists of areas of cedar trees, sagebrush, rabbitbrush, some grasses, and cacti as the primary flora. This is also true for the lower elevations.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B".)

P.T.S. #21-22 Federal, is located on a relatively flat area in a small draw next to the Prickly Pear Canyon. The sides of the draw slope to the North and South and are relatively steep.

The majority of the drainages in the area around this location drain to the Northeast into Nine Mile Creek.

Pacific Transmission Supply Company
P.T.S. #21-22 Federal
Section 22, T12S, R15E, S.L.B. & M.

11. OTHER INFORMATION - continued

The terrain in the vicinity of the location slopes to the Northeast through the location site at approximately a 4% grade.

The vegetation in the immediate area surrounding the location site is predominantly cedar trees, sagebrush, and grasses. There are no occupied dwellings or other facilities of this nature in the general area. There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATORS REPRESENTATIVE

Mr. E. E. Mulholland
P.O. Box 3093
Casper, WY 82602

Telephone: Office (307) 265-1027
Home (307) 265-4191

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; that the work associated with the operations proposed herein will be performed by Pacific Transmission Supply Company and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

6-23-76

Date

E E Mulholland

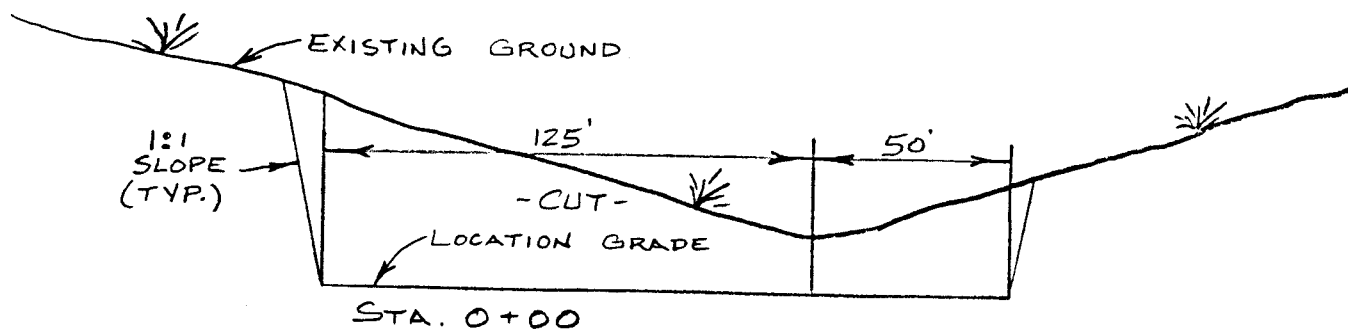
E. E. MULHOLLAND
OPERATIONS ENGINEER

TRANSMISSION SUPPLY CO.

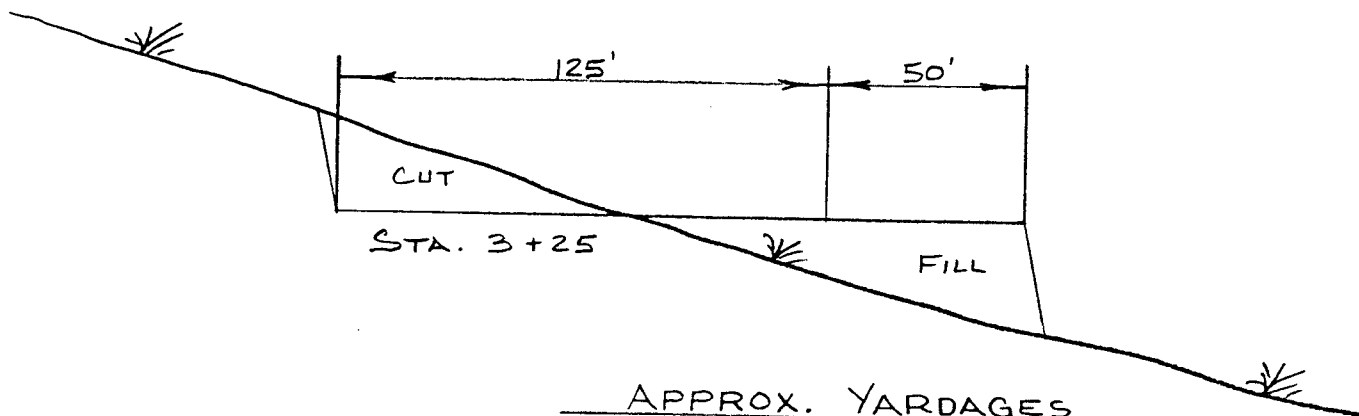
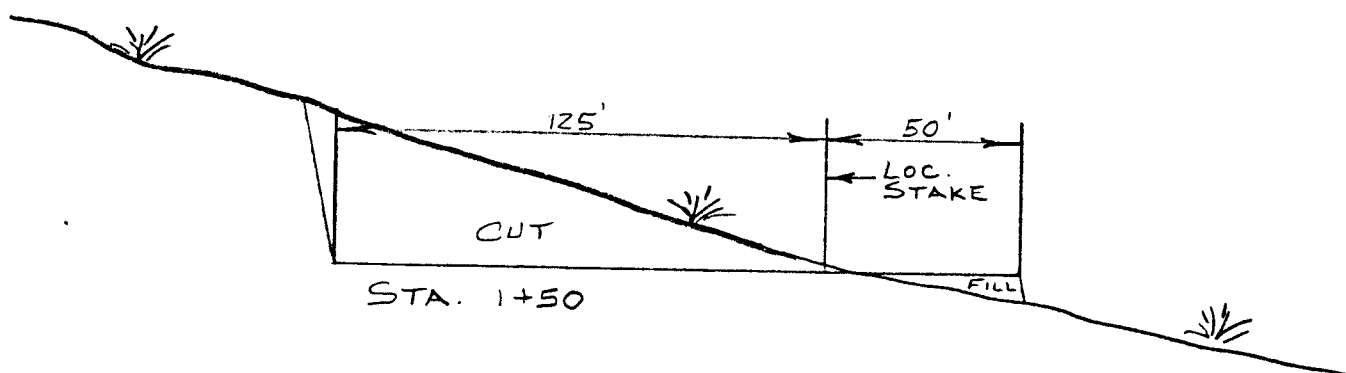
*21-22 FEDERAL

, T12S, R15E, S.L.B. & M.

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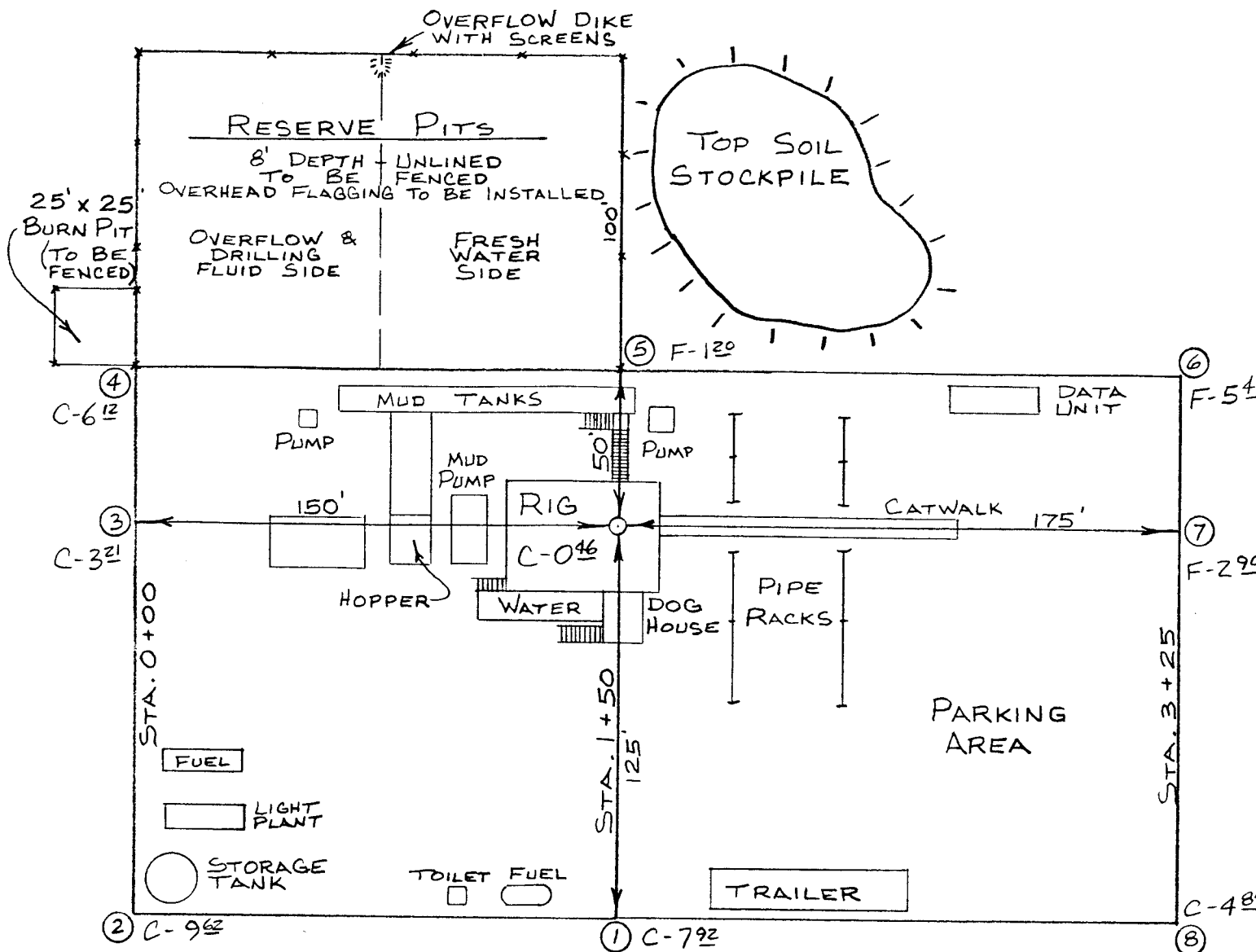
APPROX. YARDAGES

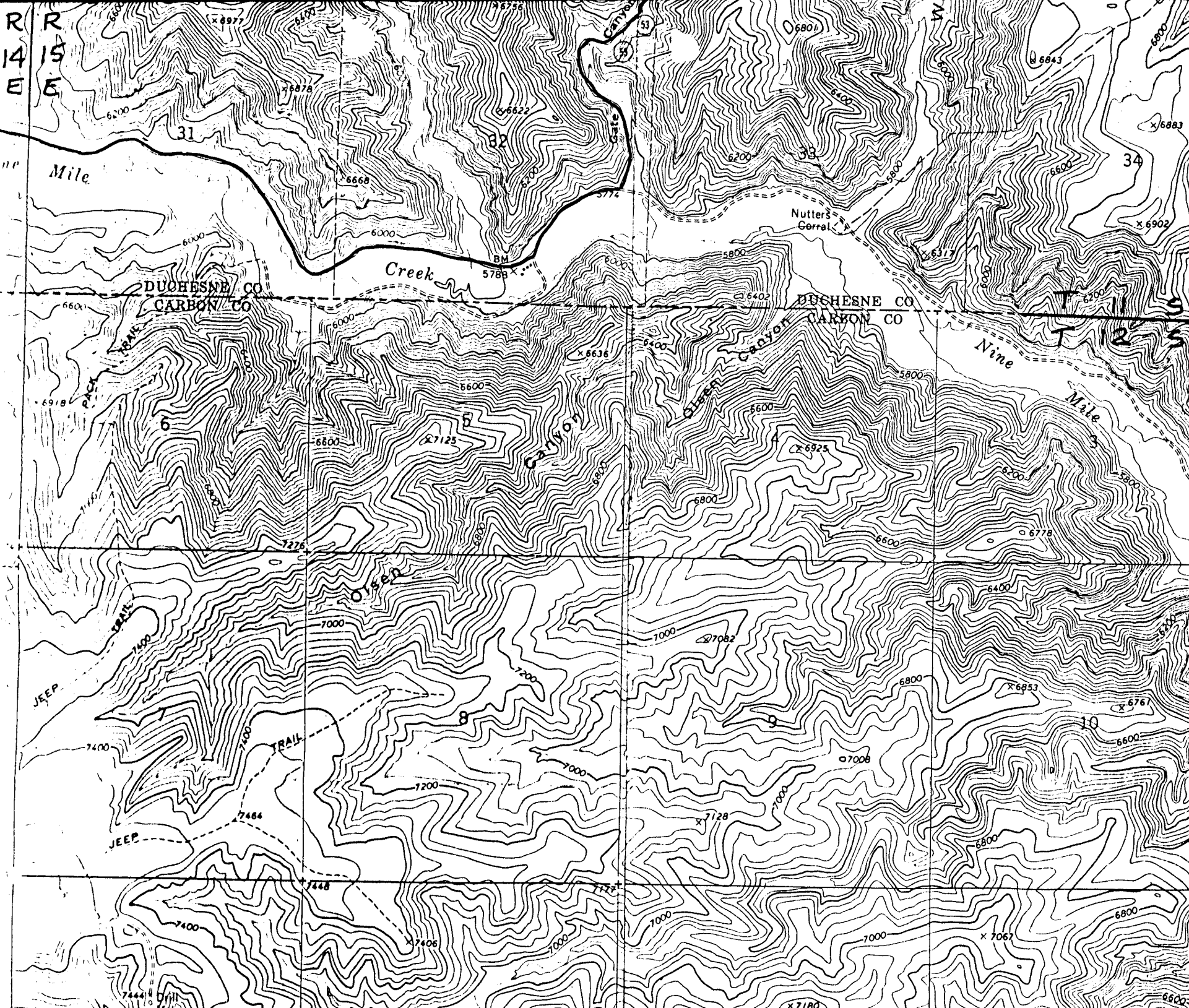
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FILL - 1,085 CU. YDS.

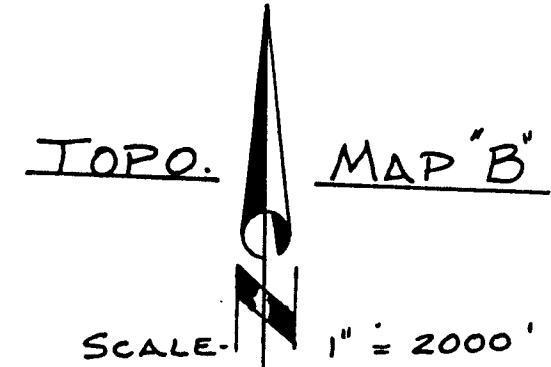
SCALE

1" = 50'



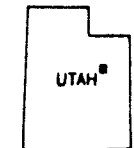


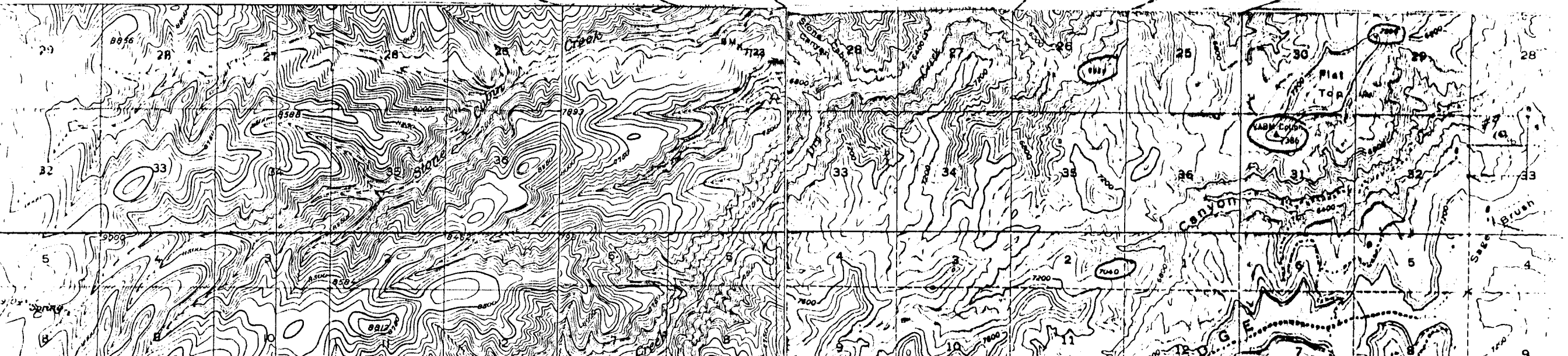
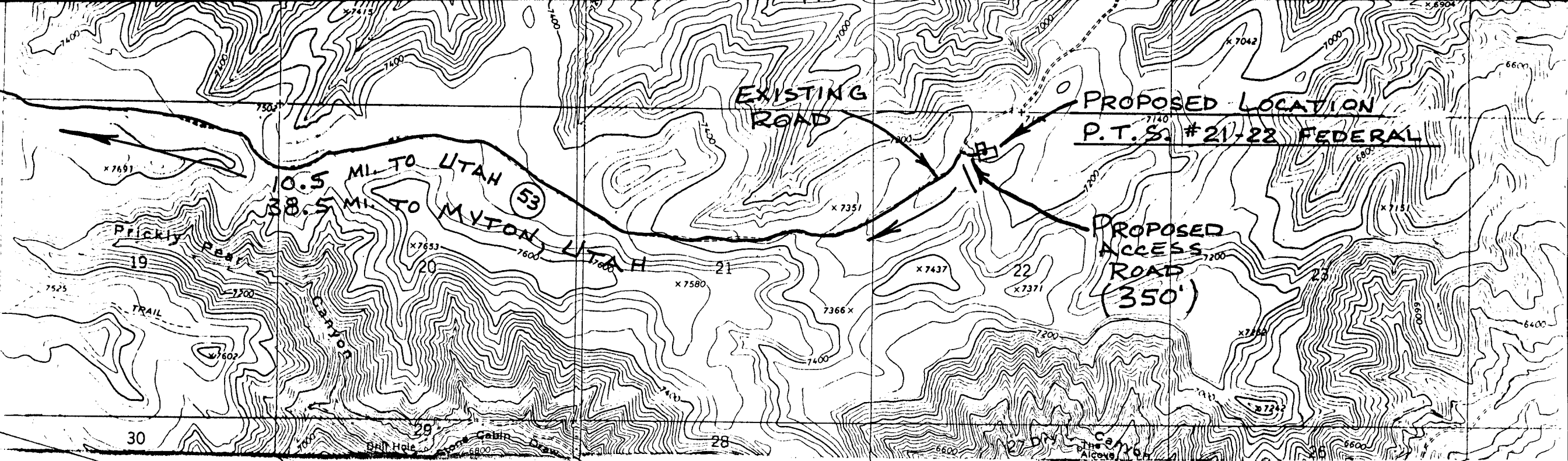
PACIFIC TRANSMISSION SUPPLY
PROPOSED LOCATION
P.T.S. #21-22 FEDERAL



ROAD CLASSIFICATION
Light-duty road, all weather, improved surface ————
Unimproved road, fair or dry weather - - - - -

○ State Route





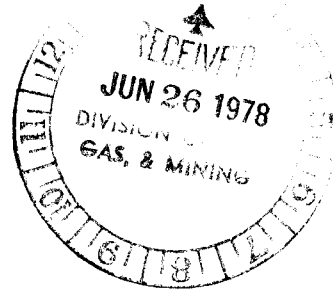
PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING
P. O. BOX 3093
CASPER, WYOMING 82602
(307) 265-1027

June 23, 1978

Division of Oil, Gas & Mining
1588 West
North Temple
Salt Lake City, UT 84116

Attn: Chief Petroleum Engineer



Re: PTS #21-22 Federal
Section 22, T12S, R15E
Carbon County, Utah

Dear Sir:

Pacific Transmission Supply Company proposes to drill the above captioned well located in Carbon County, Utah.

Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Well Prognosis
- 4) BOP & Pressure Containment Data
- 5) 13 Point Surface Use Plan

This well packet is being furnished to your office for information and file.

Very truly yours,


E. E. MULHOLLAND
OPERATIONS ENGINEER

/ks

Encl.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date:

June 28-

Operator:

Pacific Transmission Supply

Well No:

Prod. 21-22

Location:

Sec. 22 T. 12S R. 15E County: Carbon

File Prepared:

☐

Entered on N.I.D.:

☐

Card Indexed:

☐

Completion Sheet:

☐

API NUMBER:

B-007-30041

CHECKED BY:

Administrative Assistant

Remarks:

OK - No other wells - Sec. 22

Petroleum Engineer

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

☒

Survey Plat Required:

☐

Order No.

☐

Surface Casing Change
to

☐

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3

☐

O.K. In

Unit

☐

Other:

☒ Letter Written/Approved

June 30, 1978

Pacific Transmission Supply Company
P.O. Box 3093
Casper, Wyoming 82602

Re: Well No. Federal 21-22
Sec. 22, T. 12 S, R. 15 E,
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-007-30041.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

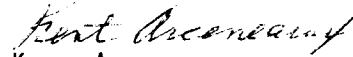


COMPUTERIZED DATA ANALYSIS

OCTOBER 10, 1978

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION DID NOT PRODUCE ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT BUT ADEQUATE SHUT-IN BUILD-UPS DID NOT OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. THE CONTOUR OF THE BUILD-UP CURVES AND THE VOLUME OF MUD PRODUCED ON THIS TEST SUGGEST A TIGHT FORMATION. NO CALCULATIONS COULD BE MADE FROM THIS TEST DATA.


KENT ARCENEUX
RESERVOIR EVALUATION
DEPARTMENT

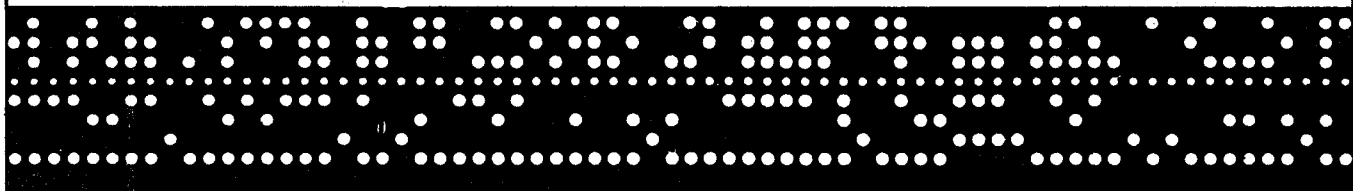
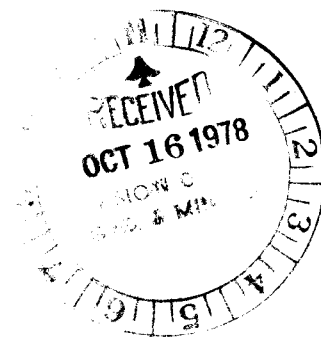
PACIFIC TRANSMISSION SUPPLY COMPANY
FEDERAL #21-22; CARBON COUNTY, UTAH
TEST #3; 6796' TO 6839'
LOCATION: SEC. 22 - T12S - R15E F.R.# 13405 D

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

JOHNSTON

Schlumberger

**computerized
data
analysis**



700

LSI

FR NO: 13405

600

500

PRESSURE (P.S.I.G.)

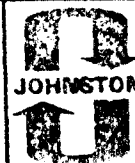
400

300

200

1.0

0.5

LOG OF $\frac{T + \Delta T}{\Delta T}$ COMPUTERIZED
PLOT

2400

ESI

ER NO: 13405

2000

1600

1200

800

400

PRESSURE (P.S.I.G.)

2.0

1.0

LOG OF $\frac{T + \Delta T}{\Delta T}$



0

EQUIPMENT & HOLE DATA

EQUIPMENT & HOLE DATA			
Type Test	M.F.E. OPEN HOLE		
Formation Tested	MESAVERDE		
Elevation	7211 K.B.		Ft.
Net Productive Interval	35		Ft.
Estimated Porosity	12		%
All Depths Measured From	KELLY BUSHING		
Total Depth	6839		Ft.
Main Hole/Casing Size	7 7/8"		
Rat Hole/Liner Size	-		
Drill Collar Length	497'	I.D.	-
Drill Pipe Length	6262'	I.D.	-
Packer Depth(s)	6790 & 6796		Ft.

Sampler Pressure	90	P.S.I.G. at Surface
Recovery: Cu. Ft. Gas	.7	
cc. Oil	-	
cc. Water	-	
cc. Mud	-	
Tot. Liquid cc.	-	
Gravity	- °API @	- °F.
Gas/Oil Ratio	-	cu. ft./bbl.

Mud Type	SALT MUD	Wt.	9.2	
Viscosity	31	Water Loss	16.4	C.C.
Resist. of Mud	.85 @ 78 °F	of Filtrate	.16 @ 84 °F	
Chloride Content	28,000			PPM

RESISTIVITY	CHLORIDE CONTENT
-------------	---------------------

Recovery Water	-	@	-	°F.	-	ppm
Recovery Mud	-	@	-	°F.		
Recovery Mud Filtrate	-	@	-	°F.	-	ppm
Mud Pit Sample	, 85	@	78	°F.		
Mud Pit Sample Filtrate	, 16	@	84	°F.	28,000	ppm

[illegible]

Remarks:

Address 64 EAST MAIN STREET; VERNAL, UTAH 84075

Company	PACIFIC TRANSMISSION SUPPLY COMPANY	Field	WILD CAT
Well	FEDERAL #21-22	Location	SEC. 22 - T12S - R 15E

Test Interval 6796' TO 6839' Test # 3 Date 9-30-78

County CARBON State UTAH Field Report No. 13405 D
Technician RICHARDS (VERNAL) Test Approved By MR. EARL STANLEY No. Reports Requested 11 (10x's)

PAGE NO. 5

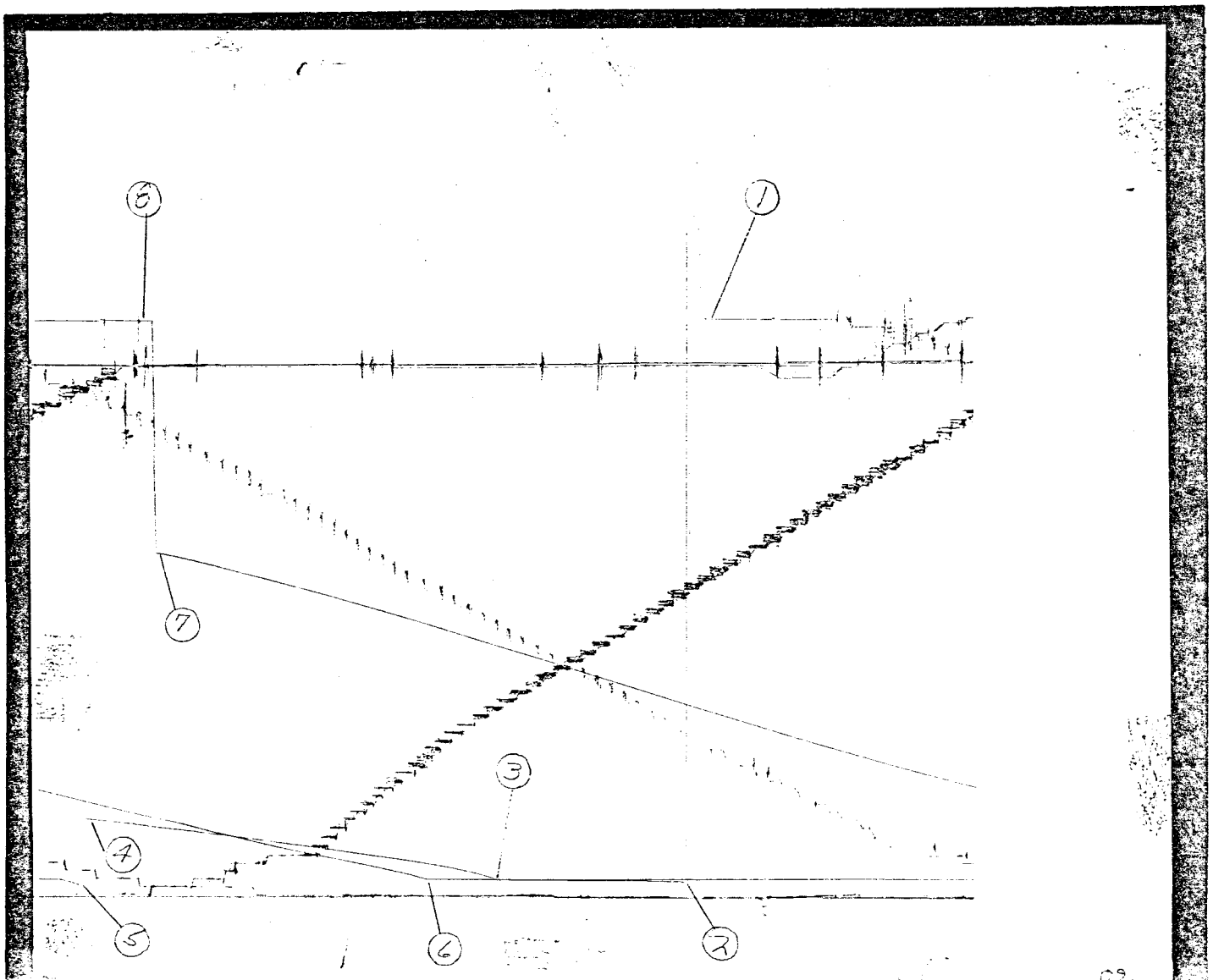
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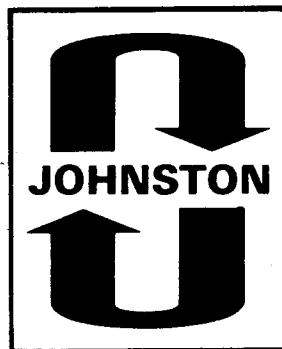
INSTRUMENT NO.: J-468

CAPACITY: 4700#

NO. OF REPORTS: 11-

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE





PRESSURE LOG*

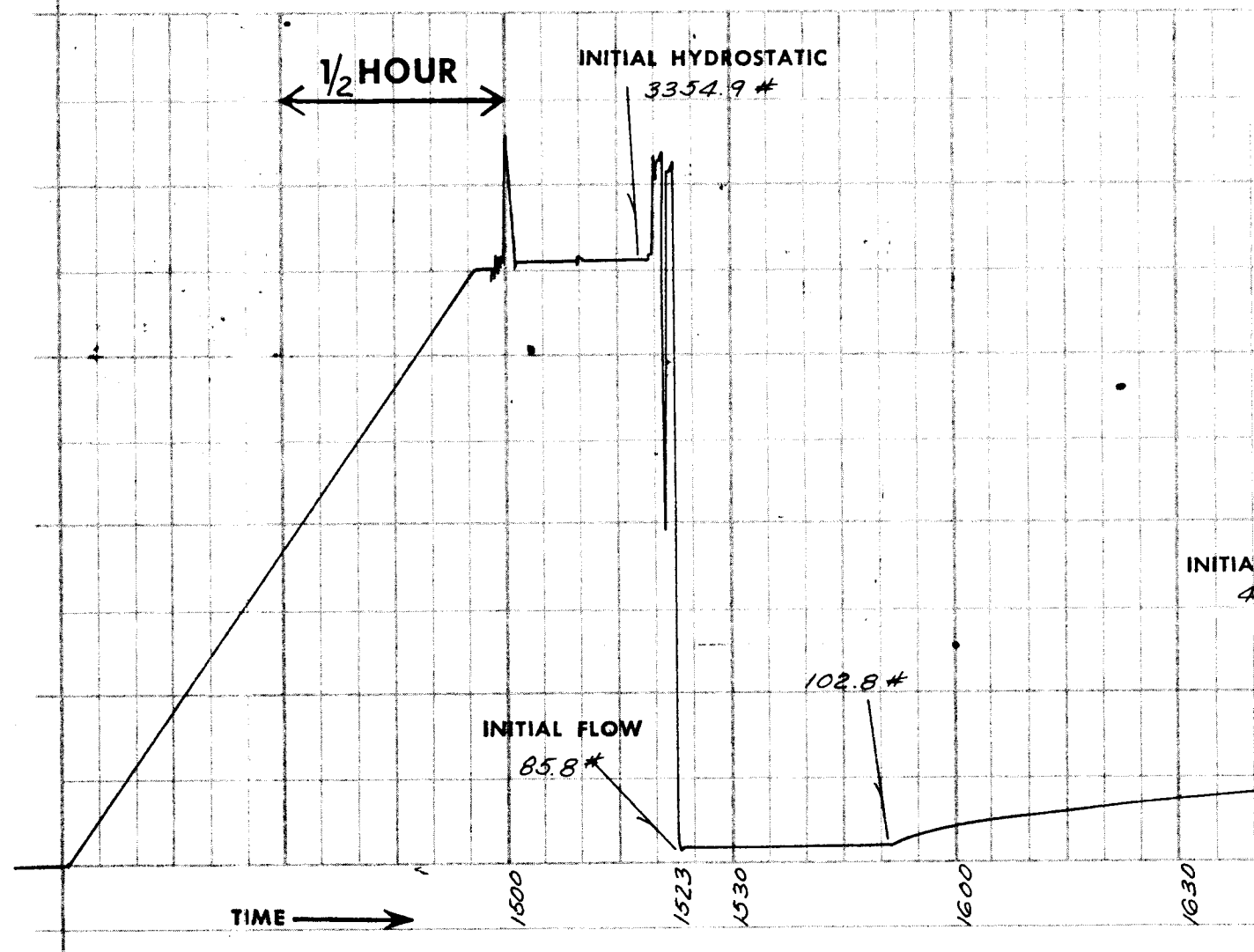
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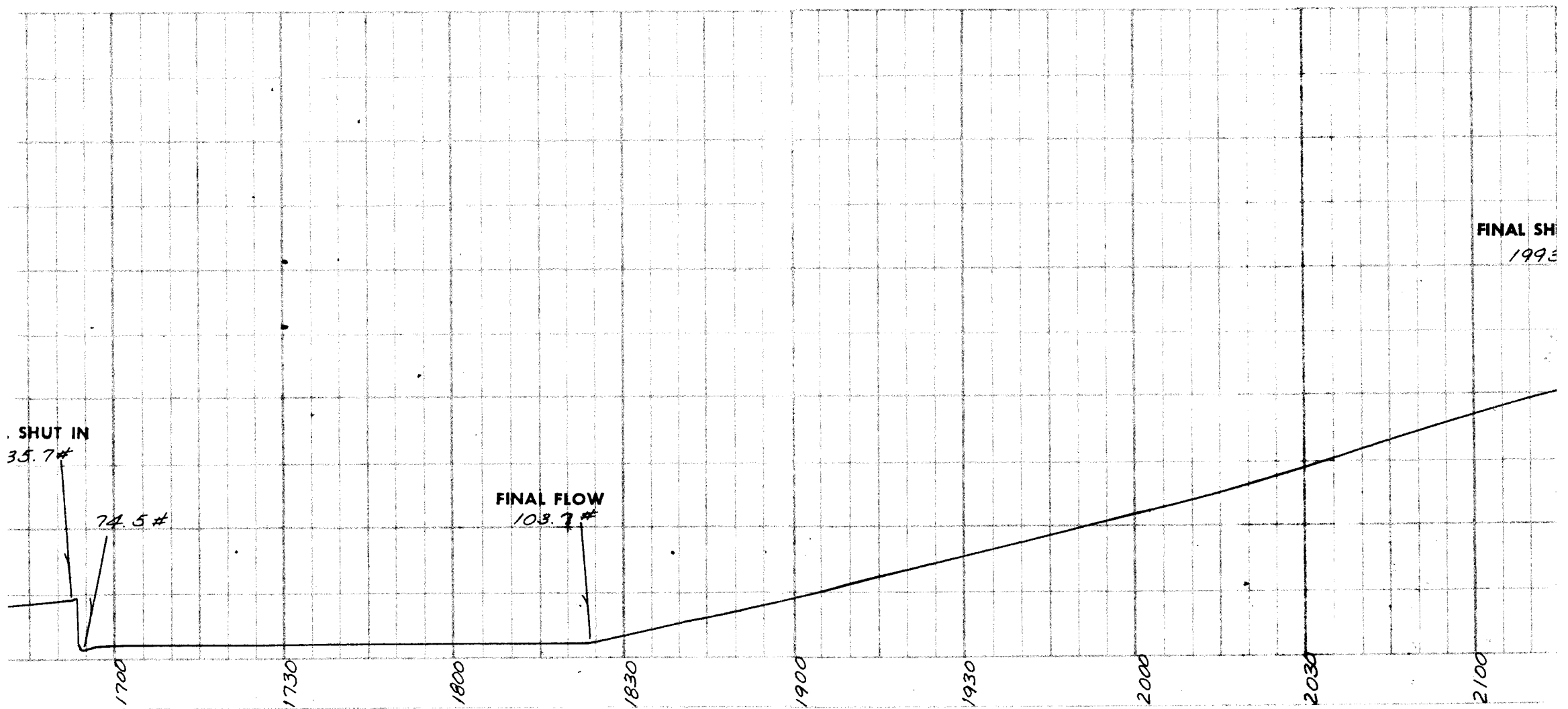
Instrument
Number J-468

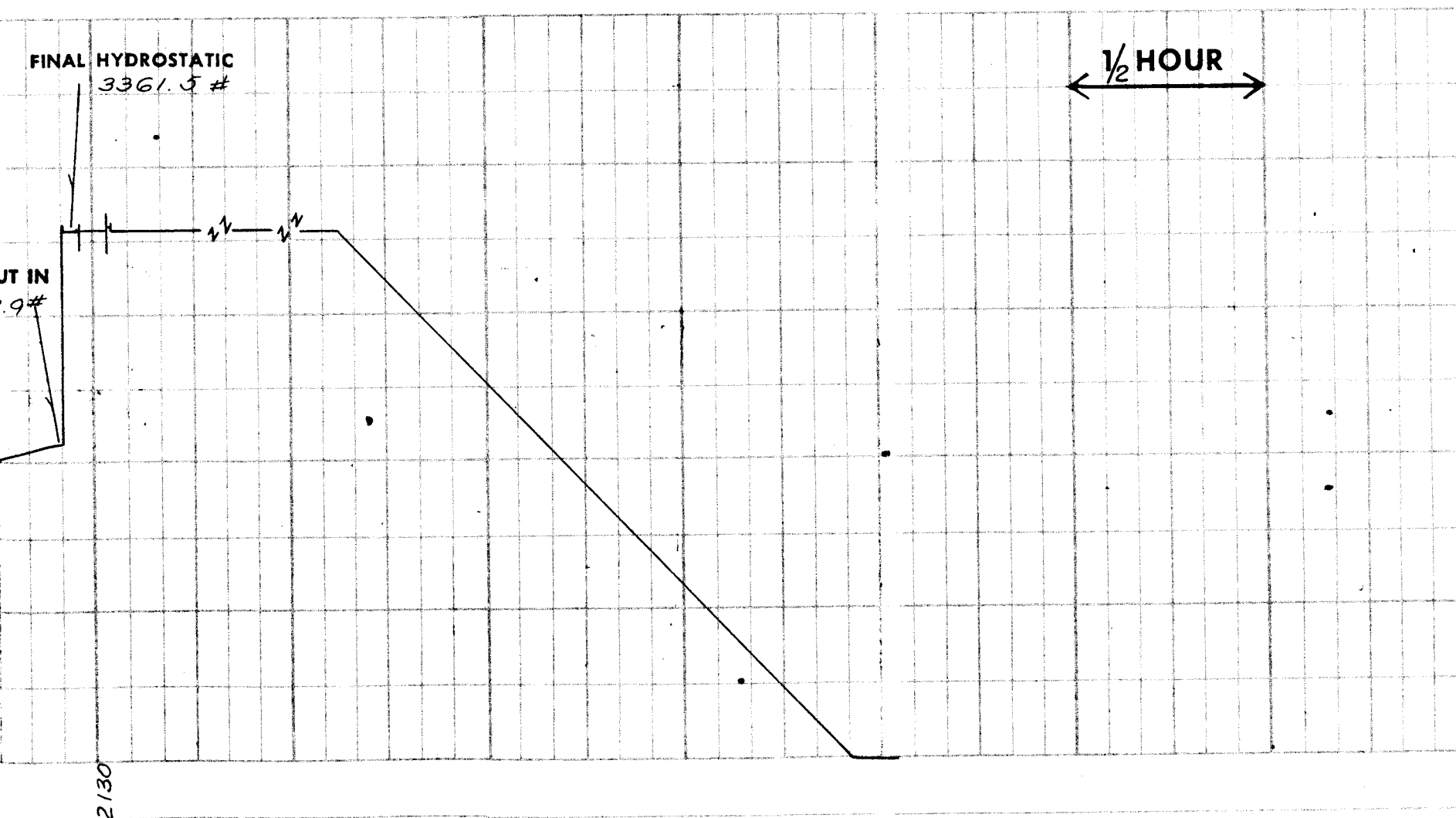
Capacity 4700 p.s.i.

Depth 6802 ft.

*a continuous tracing of the original chart







INSTRUMENT NO.: J-468

CAPACITY(P.S.I.): 4700

DEPTH: 6802 FT.

PORT OPENING: OUTSIDE

BOTTOM HOLE TEMP.: 143

PAGE 1 OF 2

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	3354.9		
INITIAL FLOW(1)	2	85.8		
INITIAL FLOW(2)	3	102.8	30	29
INITIAL SHUT-IN	4	435.7	60	61
FINAL FLOW(1)	5	74.5		
FINAL FLOW(2)	6	103.7	90	90
FINAL SHUT-IN	7	1993.9	180	181
FINAL HYDROSTATIC MUD	8	3361.5		

INCREMENTAL READINGS

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
1		3354.9				HYDROSTATIC MUD
2	0	85.8				INITIAL FLOW(1)
	5	94.3				
	10	97.1				
	15	97.1				
	20	100.9				
	25	100.9				
3	29	102.8				INITIAL FLOW(2)
3	0	102.8				STARTED SHUT-IN
	5	157.5	6.800	0.833	54.7	
	10	196.2	3.900	0.591	93.4	
	15	229.2	2.933	0.467	126.4	
	20	257.5	2.450	0.389	154.7	
	25	283.9	2.160	0.334	181.1	
	30	307.5	1.967	0.294	204.7	
	35	330.1	1.829	0.262	227.3	
	40	354.6	1.725	0.237	251.8	
	45	374.4	1.644	0.216	271.6	
	50	394.2	1.580	0.199	291.4	
	55	413.1	1.527	0.184	310.3	
	60	433.8	1.483	0.171	331.1	
4	61	435.7	1.475	0.169	332.9	INITIAL SHUT-IN
5	0	74.5				FINAL FLOW(1)
	5	103.7				
	10	104.7				
	15	104.7				
	20	104.7				
	25	104.7				
	30	104.7				
	35	104.7				
	40	104.7				
	45	103.7				
	50	103.7				
	55	103.7				
	60	102.8				

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
	65	102.8				
	70	102.8				
	75	102.8				
	80	102.8				
	85	102.8				
6	90	103.7				FINAL FLOW(2)
6	0	103.7				STARTED SHUT-IN
	1	116.9	120.000	2.079	13.2	
	2	127.3	60.500	1.782	23.6	
	3	136.7	40.667	1.609	33.0	
	4	147.1	30.750	1.488	43.4	
	5	156.5	24.800	1.394	52.8	
	6	165.0	20.833	1.319	61.3	
	7	173.5	18.000	1.255	69.8	
	8	182.0	15.875	1.201	78.3	
	9	191.4	14.222	1.153	87.7	
	10	199.9	12.900	1.111	96.2	
	12	216.9	10.917	1.038	113.2	
	14	232.0	9.500	0.978	128.3	
	16	249.0	8.438	0.926	145.3	
	18	264.1	7.611	0.881	160.3	
	20	279.2	6.950	0.842	175.4	
	22	295.2	6.409	0.807	191.5	
	24	310.3	5.958	0.775	206.6	
	26	326.3	5.577	0.746	222.6	
	28	342.4	5.250	0.720	238.6	
	30	354.6	4.967	0.696	250.9	
	40	441.4	3.975	0.599	337.7	
	50	532.9	3.380	0.529	429.2	
	60	631.0	2.983	0.475	527.2	
	70	735.7	2.700	0.431	631.9	
	80	846.0	2.488	0.396	742.3	
	90	962.0	2.322	0.366	858.3	
	100	1079.9	2.190	0.340	976.2	
	110	1202.6	2.082	0.318	1098.8	
	120	1326.1	1.992	0.299	1222.4	
	130	1445.9	1.915	0.282	1342.2	
	140	1565.7	1.850	0.267	1462.0	
	150	1679.8	1.793	0.254	1576.1	
	160	1789.2	1.744	0.241	1685.5	
	170	1891.1	1.700	0.230	1787.4	
	180	1984.5	1.661	0.220	1880.7	
7	181	1993.9	1.657	0.219	1890.2	FINAL SHUT-IN
8		3361.5				HYDROSTATIC MUD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		12. COUNTY OR PARISH Carbon		13. STATE Utah	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESEV. <input type="checkbox"/> Other <input type="checkbox"/>		14. PERMIT NO.		DATE ISSUED	
2. NAME OF OPERATOR PACIFIC TRANSMISSION SUPPLY COMPANY		15. DATE SPUDDED 8/21/78		16. DATE T.D. REACHED 10/2/78	
3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, Wyoming 82602		17. DATE COMPL. (Ready to prod.) 12/11/78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7211 KB	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)* At surface 660' FNL, 1978' FWL, Section 22, T12S, R15E, S.L.B. & M. At top prod. interval reported below At total depth		19. ELEV. CASING HEAD 7211 KB		20. TOTAL DEPTH, MD & TVD 7006'	
5. LEASE DESIGNATION AND SERIAL NO. U-11604		21. PLUG, BACK T.D., MD & TVD 6953'		22. IF MULTIPLE COMPL., HOW MANY*	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		23. INTERVALS DRILLED BY 160-7006		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 6432' - TD.	
7. UNIT AGREEMENT NAME Stobin		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL 174'-2311', DLL 2324'-6992', CNL/FDC 2323'-7005', BHC Sonic/GR 2323'-6963'	
8. FARM OR LEASE NAME Federal		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
9. WELL NO. 21-22		29. LINER RECORD		30. TUBING RECORD	
10. FIELD AND POOL, OR WILDCAT		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 22, T12S, R15E		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
		35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
		37. TEST WITNESSED BY L. D. Johnson		38. SIGNED R. J. Firth	
		39. TITLE Petroleum Engineer		40. DATE 12/15/78	

*(See Instructions and Spaces for Additional Data on Reverse Side)

2-USGS,SLC,UT; 1-St.of Ut.Div.of OG&M; 1-JLWroble; 1-ERHenry; 1-EEMulholland; 1-WGStelling; 1-File.

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 36.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Tertiary Green River Wasatch			
			Cretaceous Mesaverde			
			Surface 2794'			
			6432'			

GEOLOGICAL SUMMARY

The PTS #21-22 Federal was drilled as a wildcat in the Stobin Federal Unit, Carbon County, Utah. The Lower Wasatch and the Upper Mesaverde sandstones were considered as primary objectives. The Texaco-Sharples #1 Government Pickrell (Section 11, T12S-R15E) and the Chorney Oil Company #2 B 27 Stone Cabin II (Section 27, T12S-R15E) located approximately 1 1/2 miles northeast and 1 1/4 miles south respectively were used as control wells.

Tar sands were common in the Green River Formation to a depth of approximately 2700 feet. The first significant show of gas (100 units) was recorded in association with a drilling break from 4650-4678 feet of depth. There were several good drilling breaks from 4700-6700 feet, but all were associated with gas increases of less than 25 units, with the exception of one zone from 6295-6300 feet which was associated with 72 units of gas. None of the above drilling breaks or gas shows were tested.

The most significant shows in this well were encountered in sandstones of the Mesaverde Formation. Drill-stem test #1 was conducted over the interval 6726-6764 feet of depth by driller's measurement. The zone was characterized by a fair 28 foot drilling break. Samples were described as sandstone, white-clear, fine-very fine grained, subrounded-rounded, abundant secondary quartz crystals, siliceous cement, non-calcareous, slightly argillaceous, fair-poor porosity, no fluorescence, no cut. The drill-stem test indicated the zone was tight and non-productive (see DST #1).

The Mesaverde "400 Foot" sand was penetrated at 6793-6829 feet (+418 datum depth) by driller's measurement. The zone was characterized by a good to excellent drilling break (lower 16 feet had the best break) with a gas increase of sustained 240-260 units. Samples were significantly different than other zones encountered in this well, and were described as sandstone, coarse-fine grained, salt & pepper, angular-subangular, abundant loose grains, poorly cemented, fair-good porosity, no fluorescence. Drill-stem test #2 was conducted over the interval of 6744-6839 feet of depth. The test was a mechanical failure because the tool could not be shut-in. The total effect of the test was a six hour flow period. Flowing pressure at the surface reached a maximum of 35 psig on a 1/8" choke with gas to surface in 37 minutes. Pressure had stabilized at 19.5 psig when the tool was pulled loose after the six hour testing period. The hydrostatic pressure on the tested interval was approximately 3250 psi when the packers were released. The formation took approximately 20 barrels of fluid immediately after packers were released (see DST #2).

Drill-stem test #3 was conducted over the interval, 6796-6839 feet. There was no gas to surface and flowing pressures at the surface reached a maximum of 1 1/2 psig. When the tool was shut-in after the final flow, total flowing time had been 120 minutes and surface flowing pressure had been reduced to 1/2 psig.

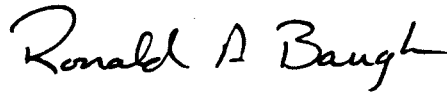
The poor test results of DST #3 are attributed to the long flow period of DST #2 without the chance for the formation to rebuild pressure. The 20 barrels of drilling mud taken to fill the bore hole after DST #2 represent the approximate fluid forced into the formation causing high formation damage.

Due to the long flow period and the friable nature of the sandstone, the hole was badly washed out and the porosity logs are unreliable. Due to the invasion of the drilling fluids after DST #2, the electric logs may also be unreliable.

A drilling break from 6862-6890 feet by logs was associated with a gas increase of 134 units, samples contained sandstone which were very highly clay filled, although calculated 'Q' is zero (see Show Tabulation). The zone was not considered to be economic and was not tested.

Based upon the drilling break of the "400 Foot" sand, gas shows, samples, and DST results, in addition to several other zones which had good shows but were not tested, pipe was run to "total depth", and a "400 Foot" sand completion will be attempted.

Respectfully,

A handwritten signature in dark ink, reading "Ronald A. Baugh". The signature is written in a cursive style with a large, stylized 'R' and a long horizontal stroke at the end.

Ronald A. Baugh
Consulting Geologist
P. O. Box 2595
Casper, WY 82602

WELL HISTORY

Date	Depth	Footage	Operation
8-25	Note:	Surface conductor hole drilled by percussion rig to depth of 159 feet.	
8-26	159'		Nipple up BOP
8-27	169'	10'	Drilling
8-28	577'	408'	Drilling
8-29	906'	329'	Differentially stuck 867'
8-30	906'	---	Pick up fishing tools
8-31	906'	---	Pulled stuck collars loose
9-1	980'	74'	Drilling
9-2	1220'	240'	Drilling
9-3	1472'	252'	Drilling
9-4	1776'	304'	Drilling
9-5	1952'	176'	Drilling
9-6	2182'	230'	Drilling
9-7	2320'	138'	Rigging-up to log
9-8	2320'	---	WOC
9-9	2320'	---	Pressure test BOP
9-10	2585'	265'	Drilling
9-11	3046'	461'	Drilling
9-12	3503'	457'	Drilling
9-13	3838'	335'	Drilling
9-14	4238'	400'	Drilling
9-15	4528'	290'	Drilling
9-16	4862'	334'	Drilling Trip for NB #4
9-17	5044'	182'	Drilling
9-18	5305'	261'	Drilling
9-19	5551'	246'	Drilling
9-20	5782'	231'	Drilling
9-21	6001'	219'	Drilling
9-22	6180'	179'	Drilling
9-23	6258'	78'	Drilling Tripped for NB #5
9-24	6430'	172'	Drilling

WELL HISTORY cont.

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Operation</u>
9-25	6578'	148'	Drilling
9-26	6693'	115'	Tripping for NB #6
9-27	6755'	62'	Tooling-up for DST #1
9-28	6755'	---	Tripping out w/DST #1
9-29	6839'	75'	Tripping out for DST #2
9-30	6839'	---	Tripping out w/DST #2
10-1	6839'	---	Tripping out w/DST #3
10-2	6977'	138'	Drilling
10-3	7000'	23'	Logging

HOLE DEVIATION RECORD

<u>Depth</u>	<u>Deviation</u>	<u>Type</u>
1114'	1 1/4°	Dropped
2320'	1°	Dropped
2430'	1 1/2°	Wireline
2598'	1 1/4°	Wireline
2858'	1 1/4°	Wireline
3161'	1°	Wireline
4891	1 1/4°	Dropped
6258'	1 3/4°	Dropped
6693'	2°	Dropped
6755'	2°	Dropped
6830'	2°	Dropped

BIT RECORD

No.	Size	Mfgr.	Type	Depth Out	Footage	Hours Run
RR	12 1/4	HTC	J-33	1114'	987'	48
2	12 1/4	STC	F-3	2320'	1206'	120 1/2
3	7 7/8	HTC	J-44	4891'	2571'	155 1/2
4	7 7/8	STC	F-4	6258'	1367'	144 3/4
5	7 7/8	HTC	J-33	6693'	435'	60 3/4
6	7 7/8	STC	F-3	6755'	62'	6 1/2
7	7 7/8	STC	F-5	7000'	245'	27

DRILLING MUD REPORT

Date	Weight lb/gal	Viscosity see/qt	Water Loss ml/30 min	PH	Chloride ppm	Salt ppm
8-27-78	---	Water	---	---	---	---
8-28-78	---	Water	---	---	---	---
8-29-78	---	Water	---	---	---	---
8-30-78	8.6	35	---	9.5	---	---
8-31-78	8.6	35	12.5	10.0	400	---
9-1-78	8.5	35	15.6	9.5	200	---
9-2-78	8.7	36	14.8	10.0	200	---
9-3-78	8.9	34	15.0	9.5	200	---
9-4-78	9.0	36	11.6	9.5	200	---
9-5-78	8.8	37	7.6	10.5	200	---
9-6-78	9.0	41	6.8	9.5	200	---
9-7-78	9.0	42	7.0	9.5	200	---
9-10-78	8.6	Salt Water	---	---	---	---
9-11-78	8.6	Salt Water	---	---	---	---
9-12-78	8.7	Salt Water	---	---	---	---
9-13-78	8.7	Salt Water	---	---	17,000	28,050
9-14-78	8.8	Salt Water	---	---	22,000	36,300
9-15-78	8.9	Salt Water	---	---	18,000	29,700
9-16-78	9.1	Salt Water	---	---	17,000	28,050
9-17-78	9.1	Salt Water	---	---	17,000	28,050
9-18-78	9.0	Salt Water	---	---	15,000	24,750
9-19-78	9.1	Salt Water	---	---	15,000	24,750
9-20-78	9.1+	Salt Water	---	---	14,000	23,100
9-21-78	9.3	30	17.4	9.5	14,000	23,100
9-22-78	9.2	30	16.4	9.6	17,000	28,050
9-23-78	9.2	30	16.4	9.5	17,000	28,050
9-24-78	9.2	30	17.2	9.0	15,000	24,750
9-25-78	9.1+	29	16.6	10.5	14,000	23,100
9-26-78	9.1	30	15.8	10.5	15,000	24,750
9-27-78	9.3	30	16.2	9.5	28,000	46,200
9-28-78	9.2	31	16.2	9.5	25,000	41,250
9-29-78	9.2	31	16.4	10.5	28,000	41,250
9-30-78	9.3	31	16.2	10.5	38,000	62,000
10-1-78	9.3	31	14.8	10.5	31,000	51,150

SHOW TABULATION

DEPTH		Drilling Time			Gas			Water		SHOWS		Porosity		Clay Factor	Remarks
From Logs	Footage	B	D	A	B	D	A	Saturation	FDC/CNL	'F' Log		D	S		
4650-4078'	28'	4-1-4			1-100-3			65-60		*		11	14	21%	
5186-5192'	6'	5.5-2.5-5.5			1-20-2			50	*	*		6+	10	40%	
5287-5305'	18'	6.5-1.5-6.5			1-5-2			55		*		10	12	17%	
5334-5358'	24'	6-2-6			2-20-2			60		*		8	11	27%	
5382-5394'	12'	5.5-4.6			2-6-2			62		*		7	8	13%	
5698-5710'	12'	7-2.5-7			2-5-2			60		*		5	9	44%	
5772-5786'	14'	5.5-2-8			1-12-1			70	*?	*		9+	11	18%	
5883-5900'	17'	5-2-6			1-27-2			62	*	*		8	8	0%	
5916-5923'	7'	3.5-2-4			2-5-2			60		*		10	10	0%	
6295-6300'	5'	6.5-4-7			2-72-2			65	*	*?		6	7	14%	
6398-6433'	35'	8-4-5			2-20-2			80	*?	*slight		7	8	13%	Possible connection gas
6494-6518'	24'	7-3.5-8			1-24-2			80	*	*slight		7	8	13%	78 units swabbed
6705-6722'	17'	5-4-6			2-20-2			60	*	*slight		6	5.5	0%	Bad hole, includes trip gas
6730-6767'	6'	10-3.5-8.5			9-93-6			80-60	*	*		8	7	0%	DST #1
6791-6834'	43'	6-15-6.5			15-260-13			No Ro				Bad Hole			DST #2 & #3
6862-6890'	28'	5-35-7			4-41-3				*	No 'F' log		10	10	0%	Recycled trip gas & possible show
6924-6941'	17'	6-2-7			2-134-2					No 'F' log		11+	11	0%	Hi argillaceous

B=before
D=during
A=after

D=density
S=sonic

DST #1
6716-6755'
6726-6764' Corrected Depth
Depth Recorder 6730'

	<u>Time (min)</u>	<u>Pressure (PSIG)</u>
IH		3239
FH		3197
IF	30	347-340
ISI	60	727
FF	90	448-515
FSI	120	747
BHT		140°F

Initial Flow - Tool opened with surface bubbles and increased to a 3" underwater blow at the end of the period.

Final Flow - Tool opened with surface bubbles, increased to 3" blow in 75 minutes and remained steady for the remainder of flow period. No gas to surface.

Pipe Recovery - 1800' drilling mud (test was reverse circulated).

Sampler contained 1300 cc mud @ 10 psig

Note: The charts and the recovery indicate there may have been a leak in the pipe above the tools. If there was a leak, it apparently had little effect on the shut-in pressures; both shut-in pressure build-up curves indicate very low permeability within the interval tested.

DST #2
6794-6839'
Depth Recorder 6806'

	<u>Time (min)</u>	<u>Pressure (PSIG)</u>
IH	---	3342.6
IF	427	48-81
ISI	---	---
FF	---	---
FSI	---	---
FH	---	3337.9
GTS	37	---

Mechanical Failure - J-pin broke and therefore tool was unable to cycle.

<u>Time</u>	<u>Pressure (PSIG)</u>	<u>Surface Choke</u>
1423 (open)	---	1/8"
1428	11	1/8"
1453	35	1/8"
1635	38	1/8"
1640	34	1/8"
1650	30	1/8"
1700	28	1/8"
1720	23	1/8"
1730	21	1/8"
2130	19	1/8"

Pipe Recovery: 5' drilling mud, 90' slightly gas cut drilling mud

Sampler: No recovery.

DST #3
6796-6839'
Depth Recorder 6802'

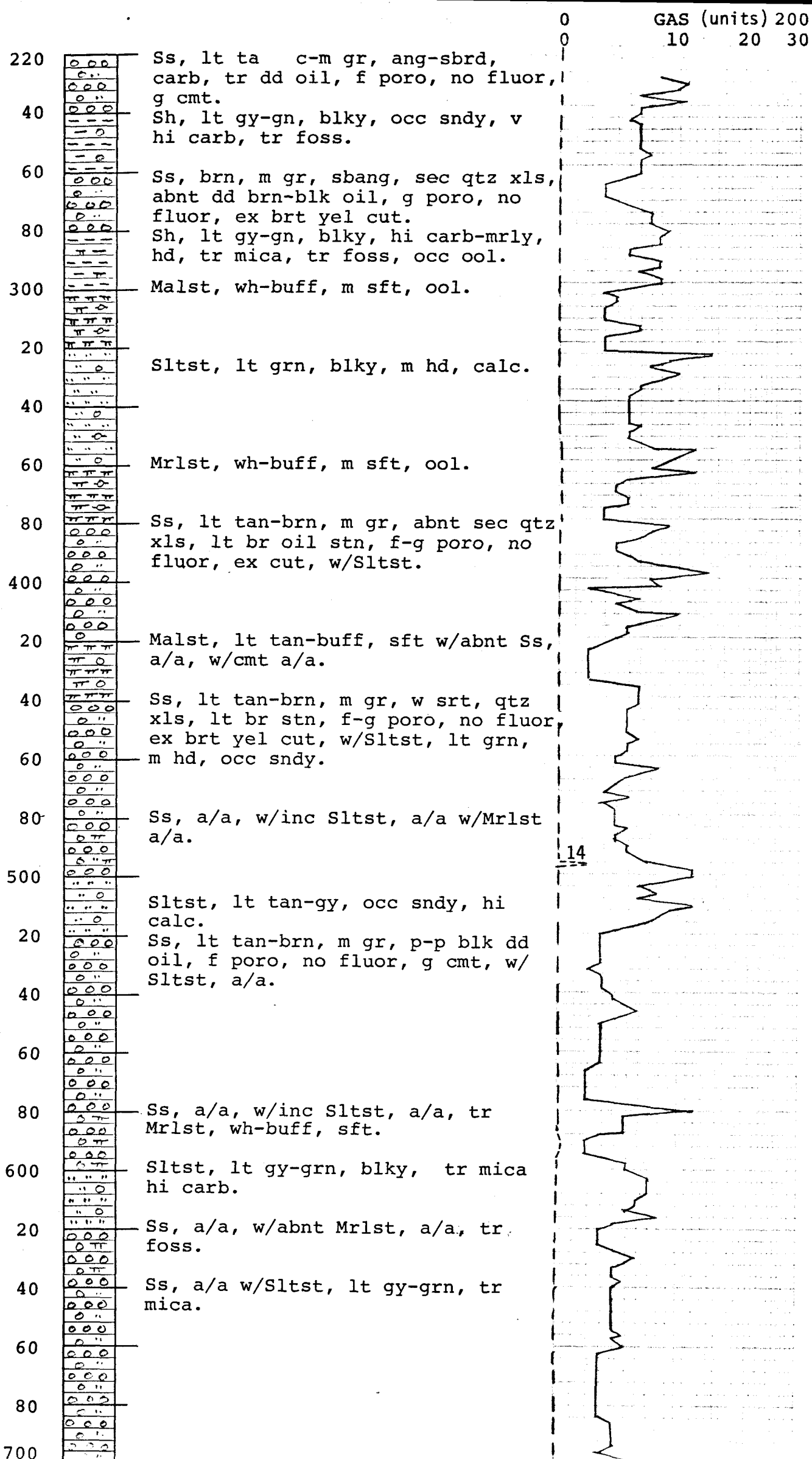
	<u>Time (min)</u>	<u>Pressure (PSIG)</u>
IH		3355
IF	29	86-103
ISI	61	436
FF	90	75-104
FSI	181	1994
FH		3362
BHT		143°F

The initial flow opened with a blow one-half inch deep and increased to bottom of bucket in two minutes. Flow rate increased to 1 1/2 p.s.i.g. at the surface with a 1/8 inch choke in 15 minutes. Flow rate decreased to 1 1/4 p.s.i.g. at the end of period.

The final flow opened with a four inch blow and increased to a pressure of one p.s.i.g. in five minutes. Flow decreased to 1/2 p.s.i.g. in 20 minutes and remained steady until shut-in.

Pipe Recovery: 185' slightly gas cut drilling mud.

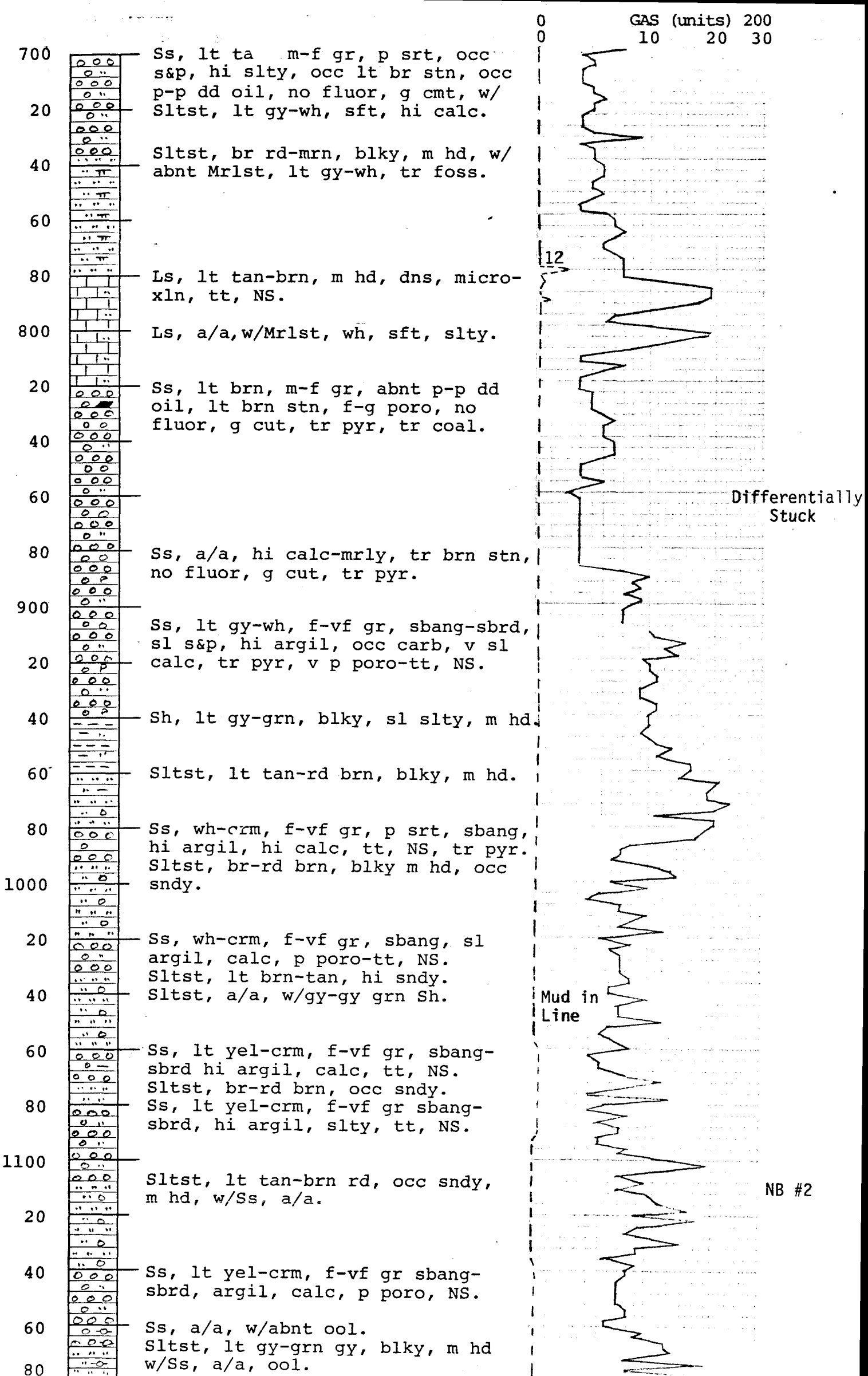
Sample Recovery: 0.7 cubic feet gas @ 90 p.s.i.g.



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB
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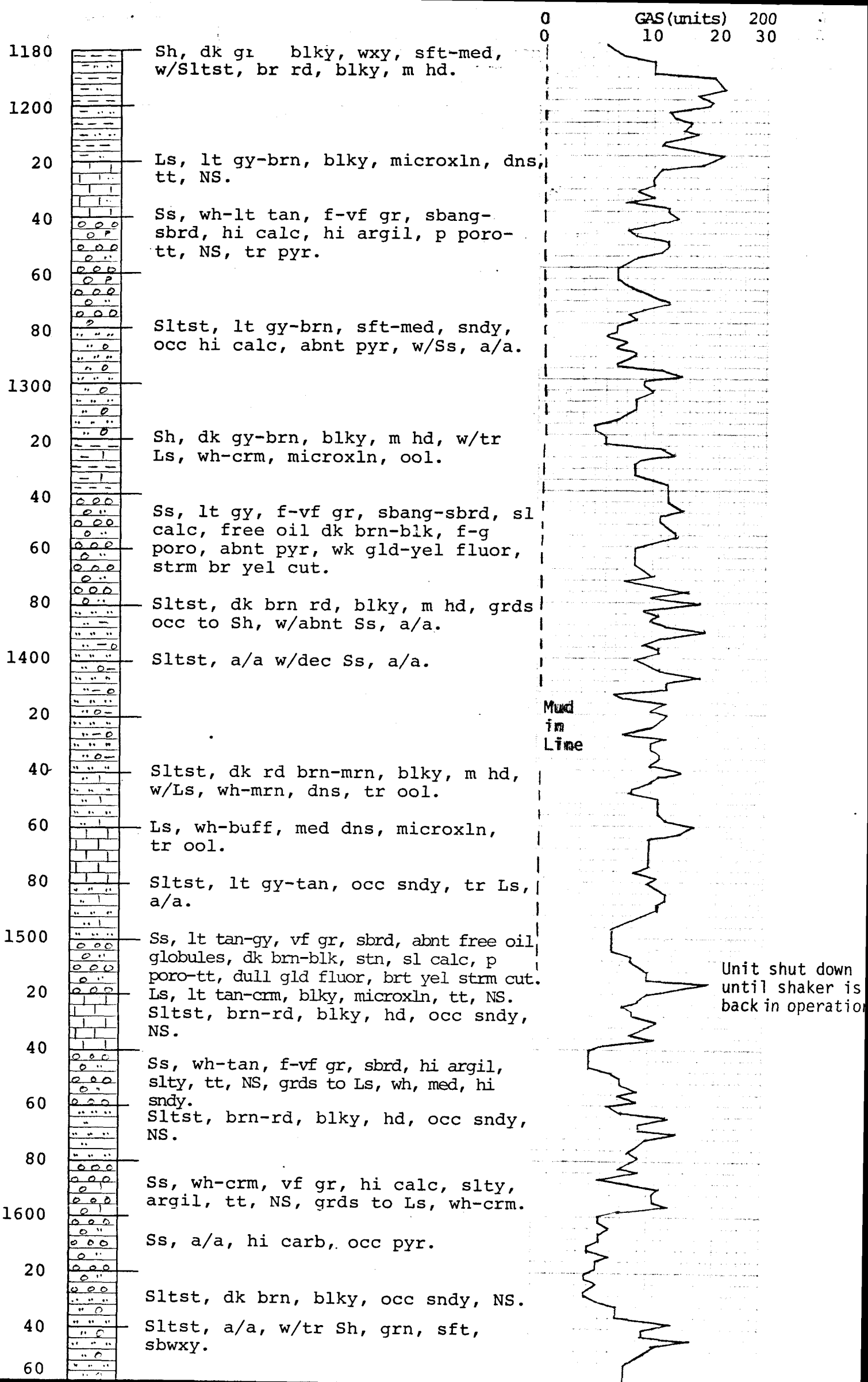
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING



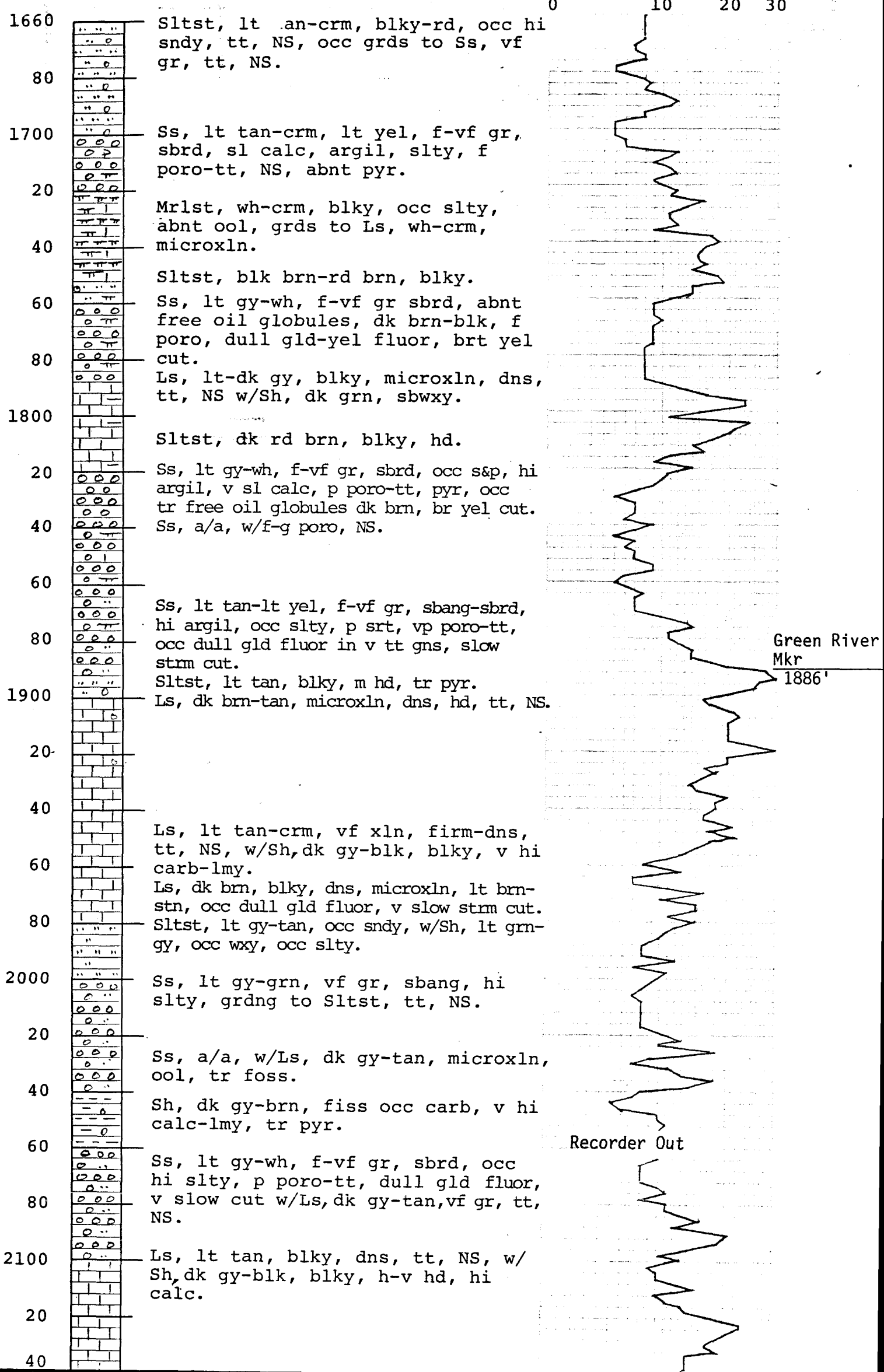
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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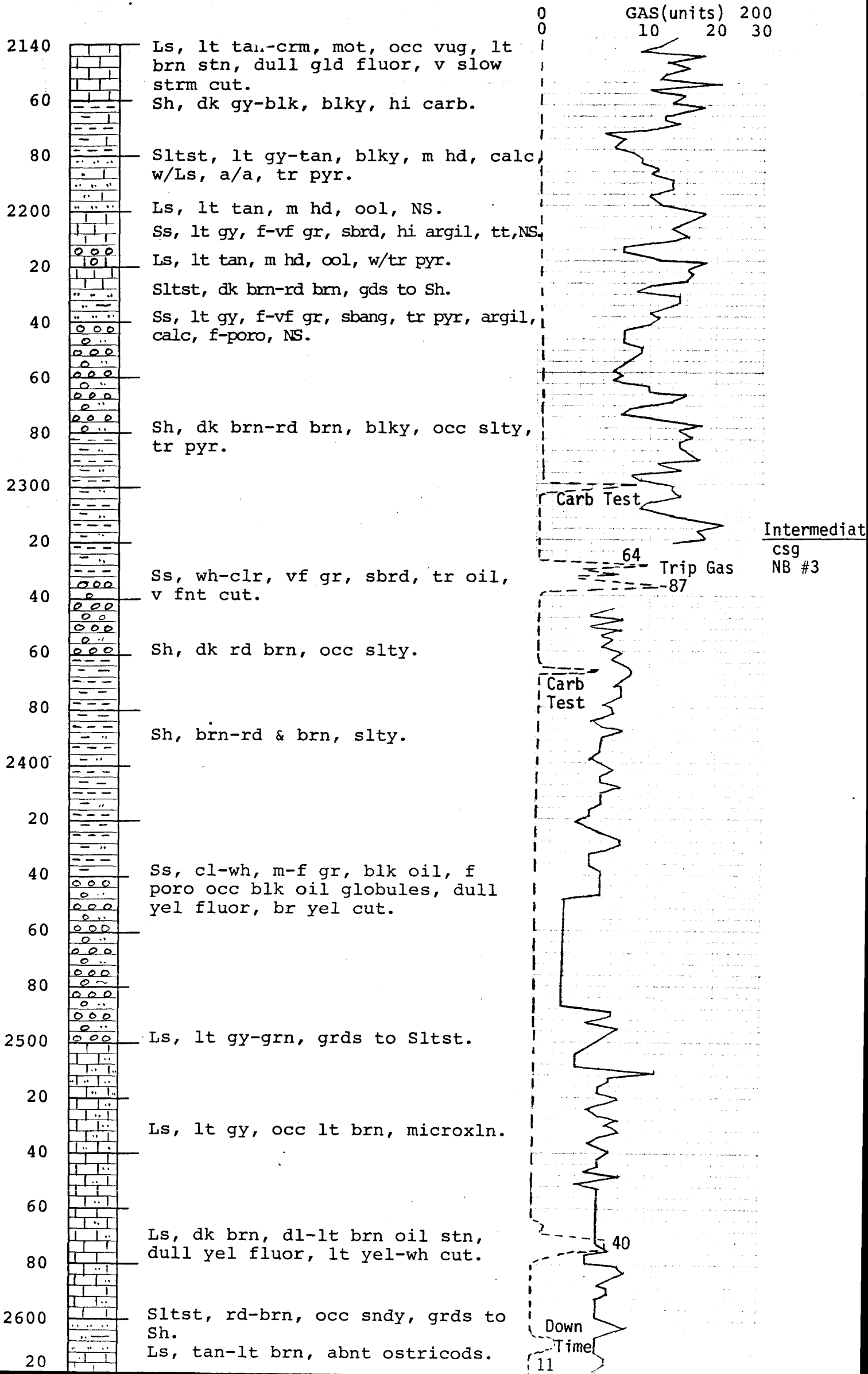
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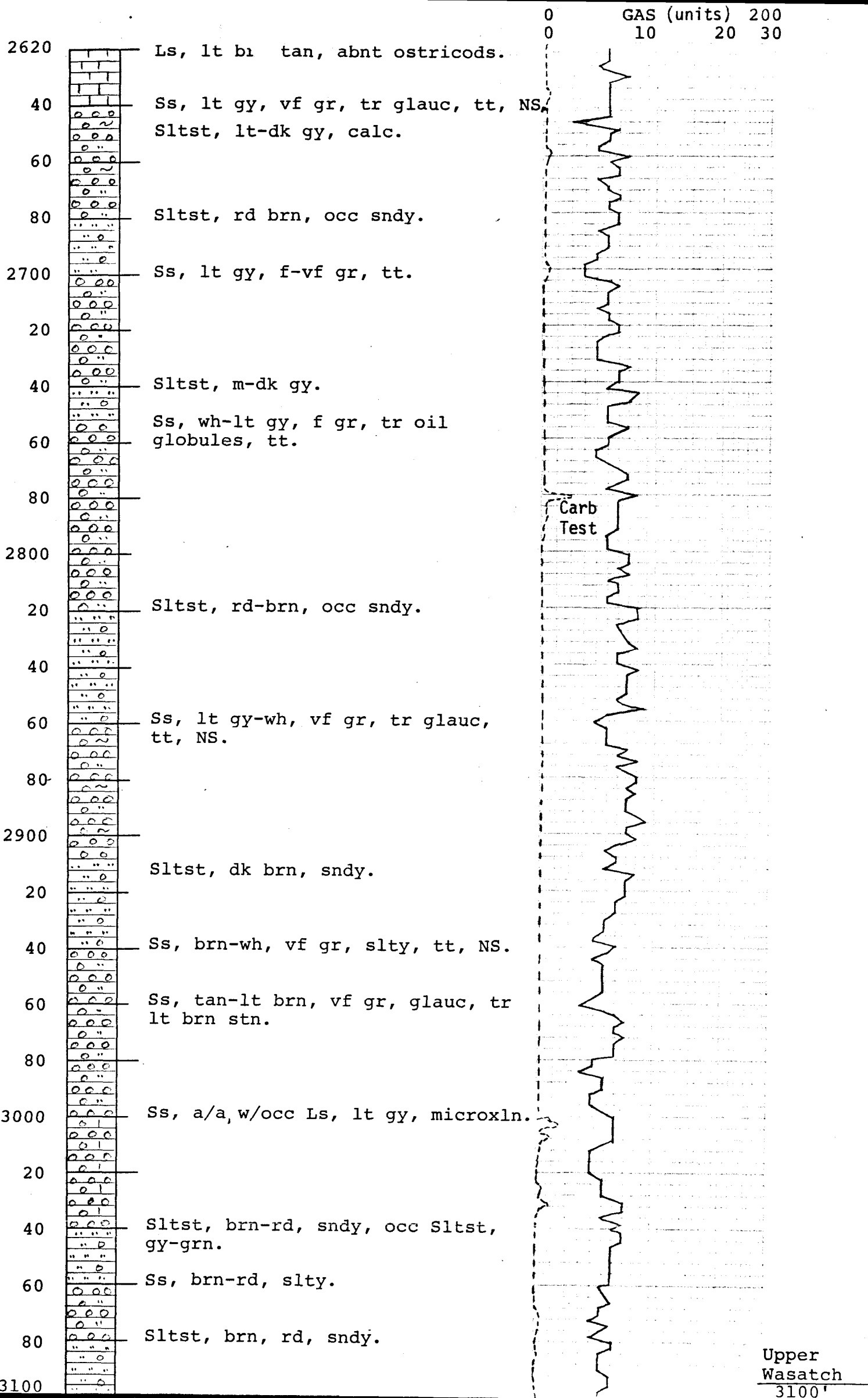
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING



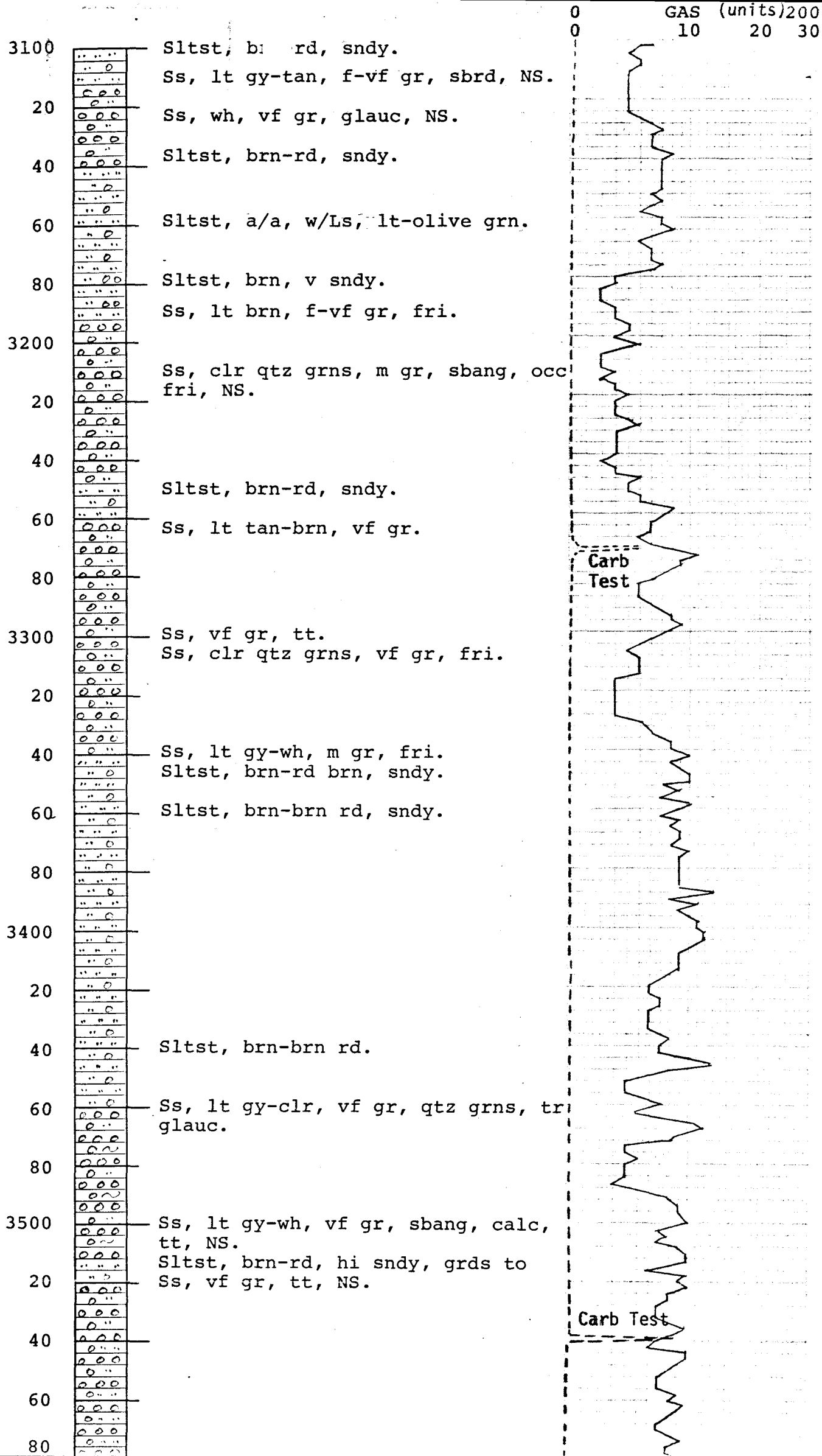
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KS	RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING		







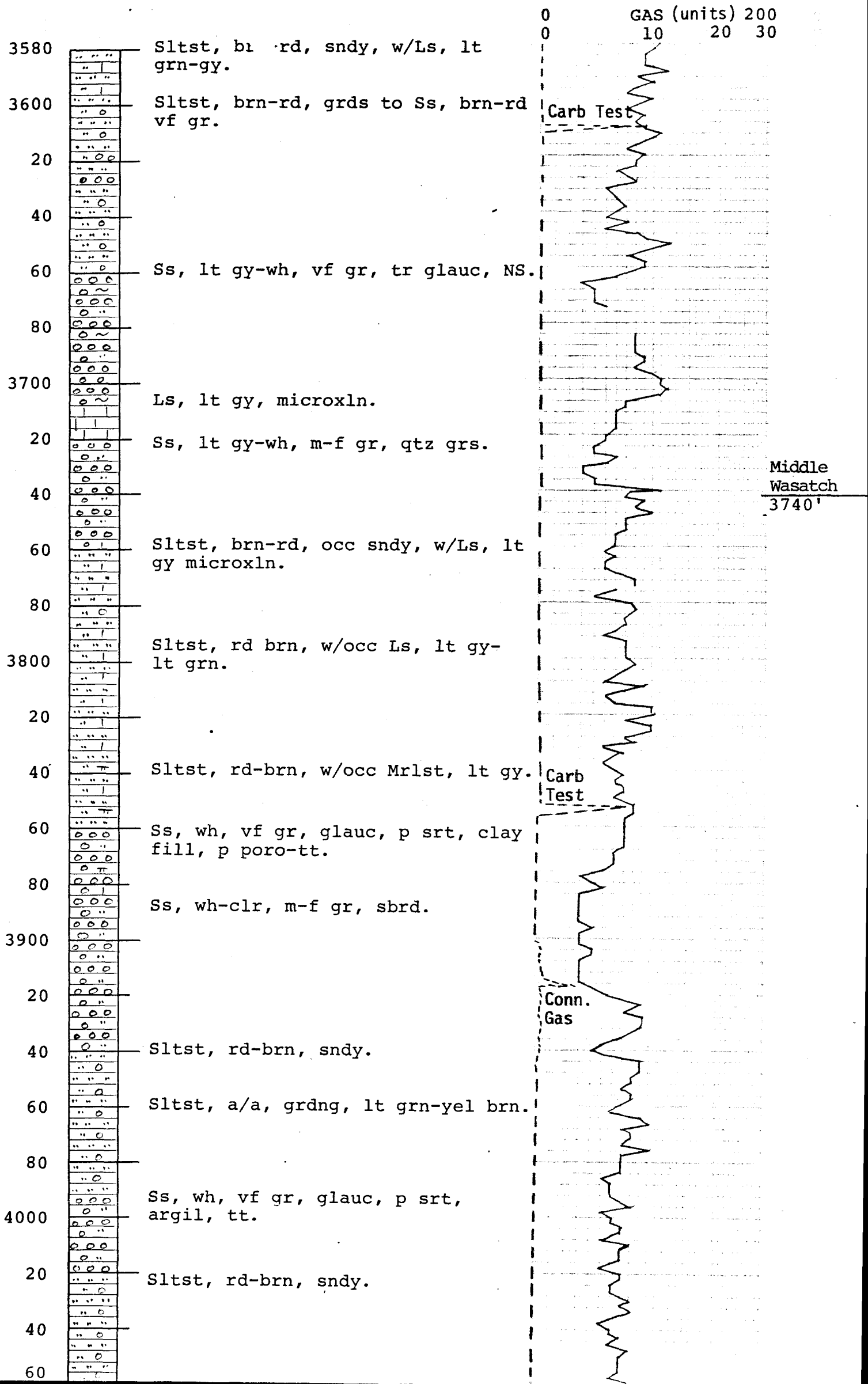
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB	RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING		



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB
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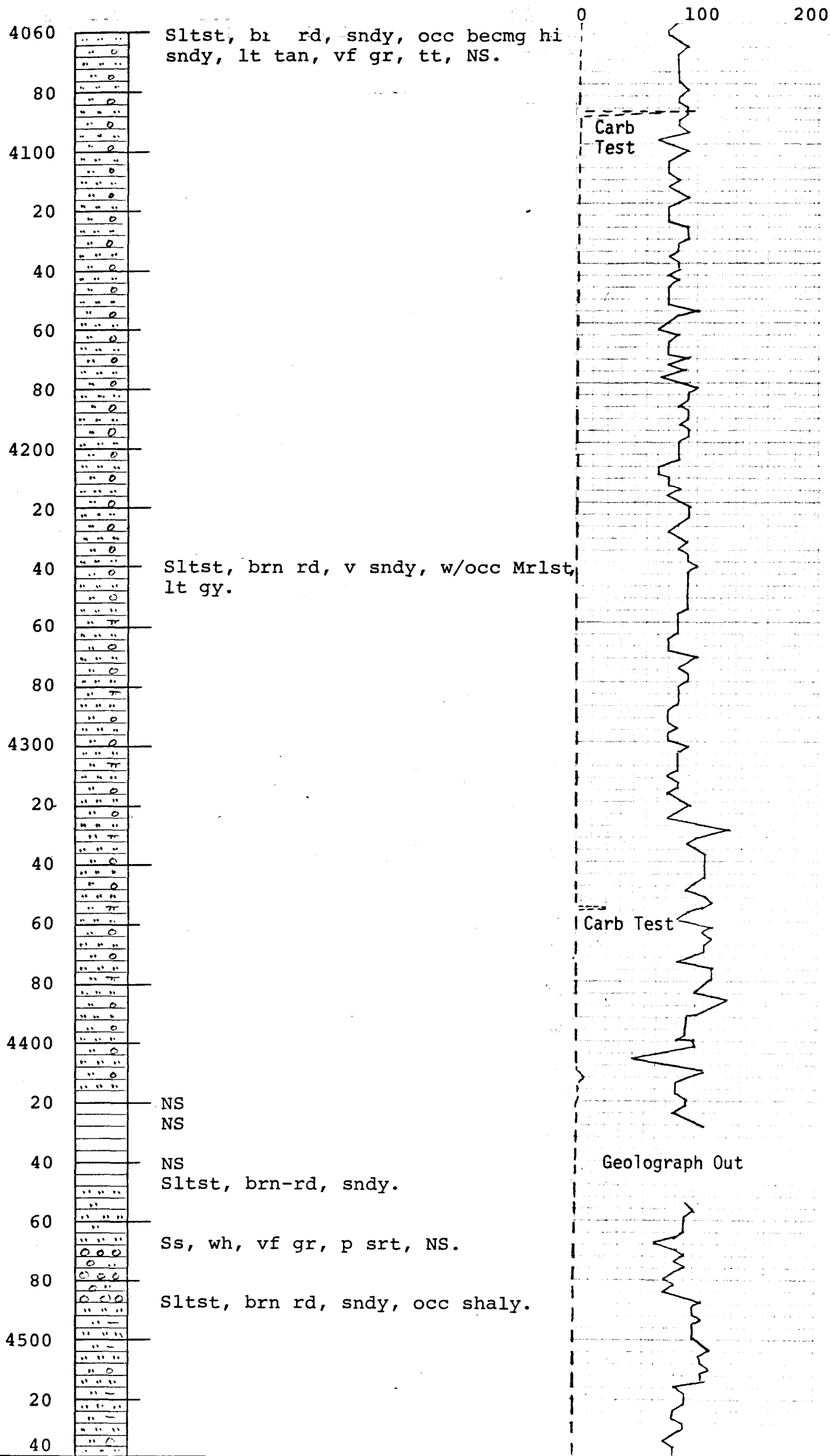
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING



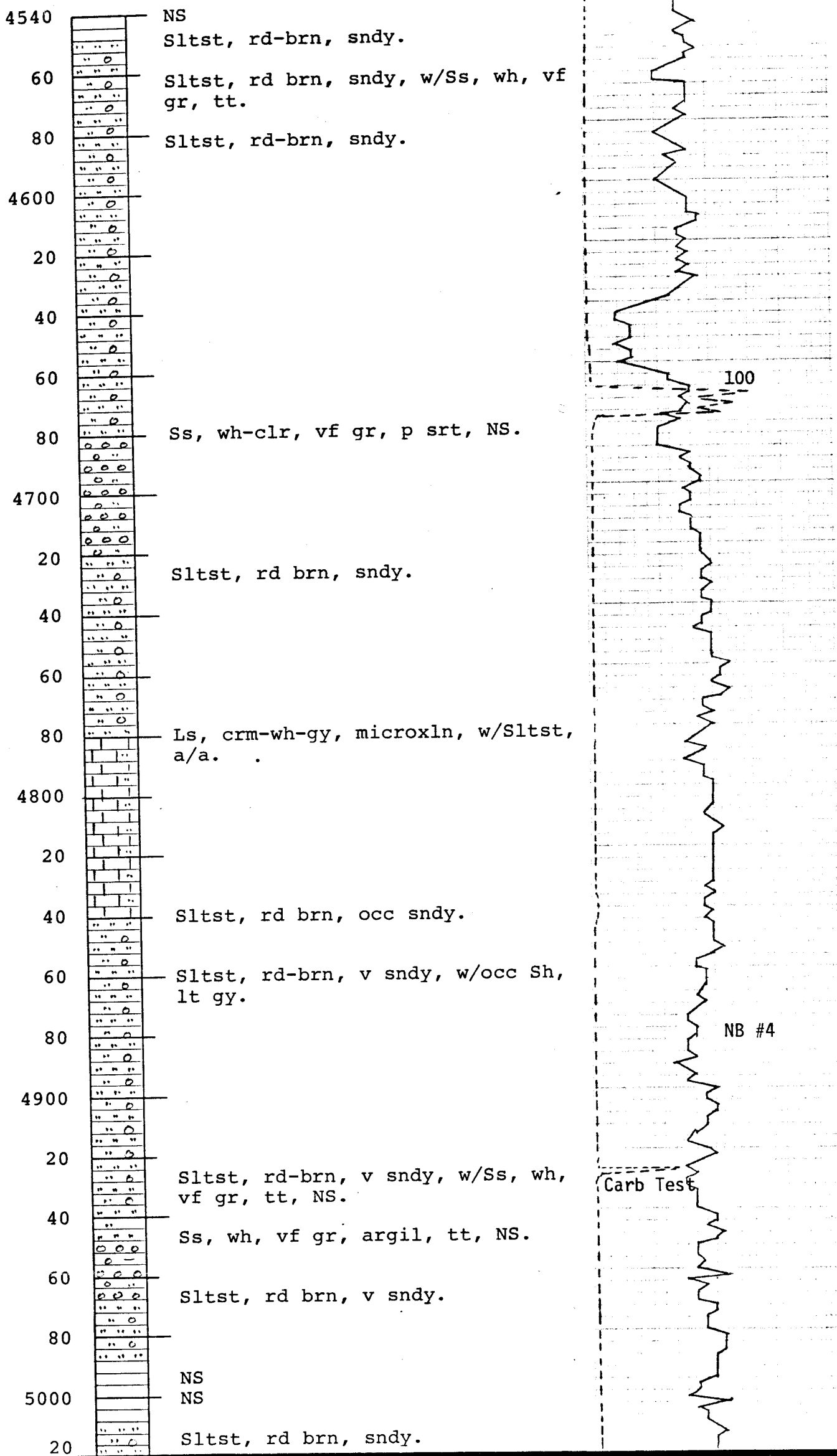
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB
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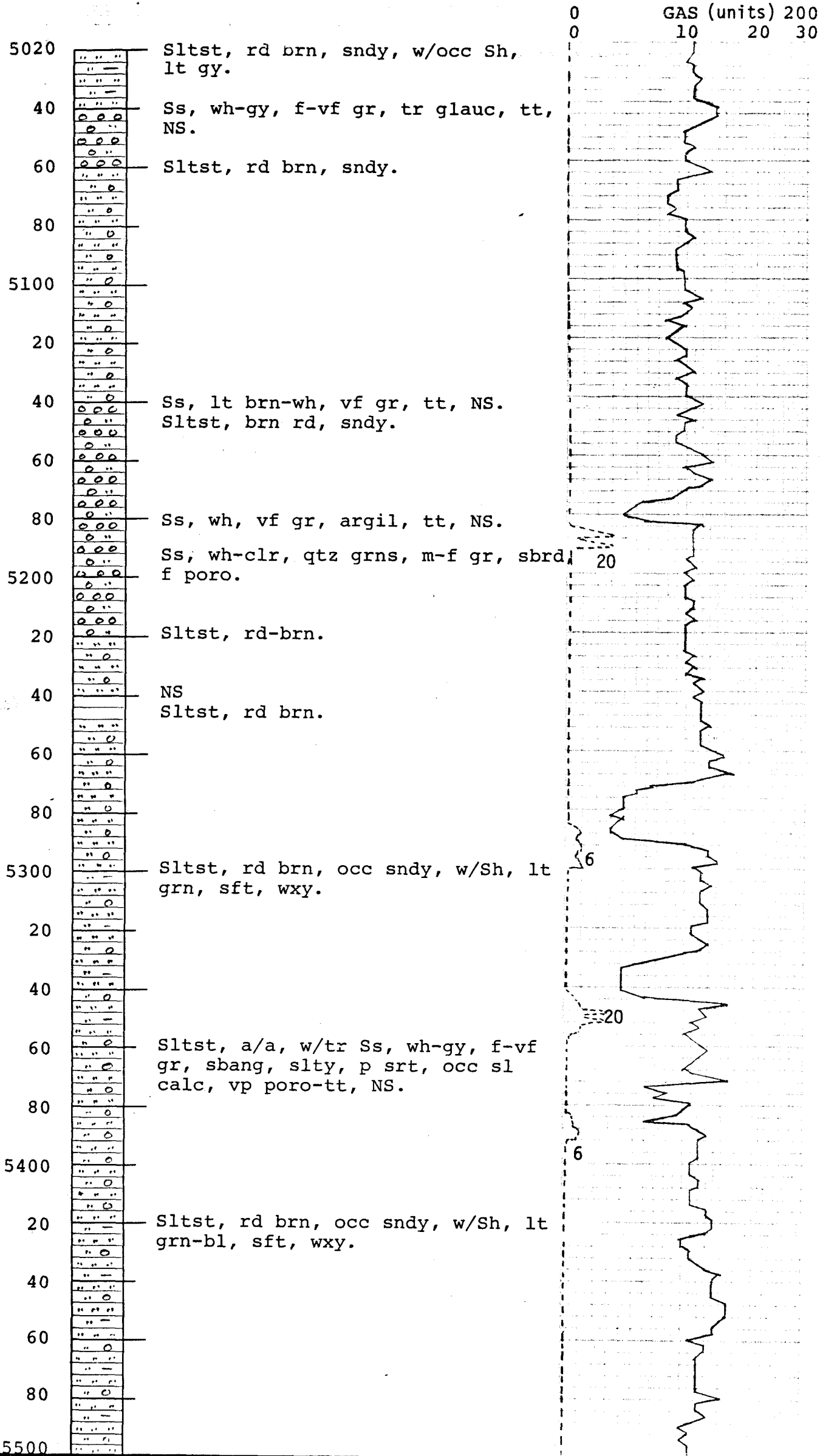
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
OPERATOR Pacific Transmission Supply Company WELL #21-22 Federal LOCATION NE 1/4 Sec. 22-T12S-R15E ELEVATION 7195'GL 7211'KB						
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING						



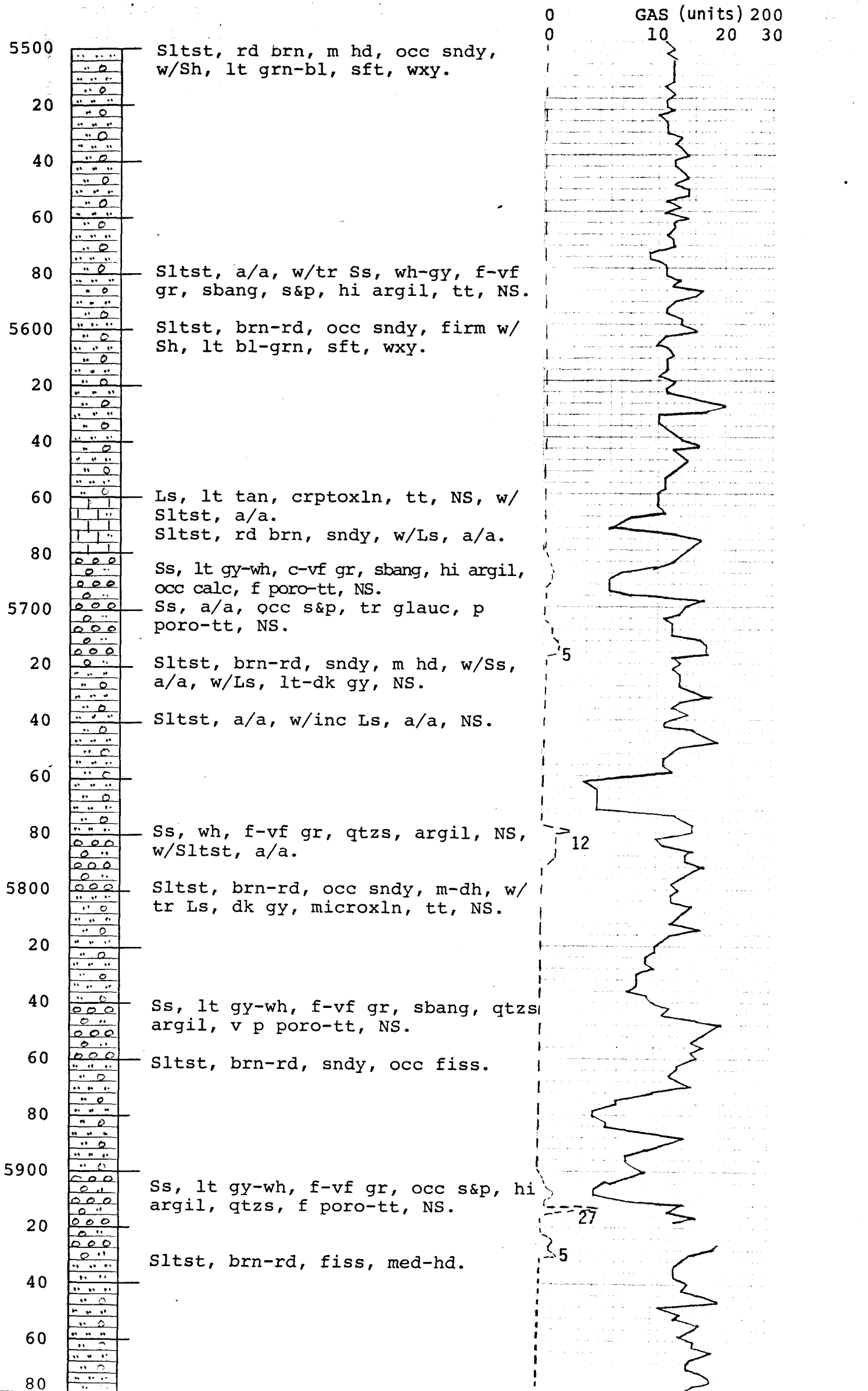
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB	RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING		



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB
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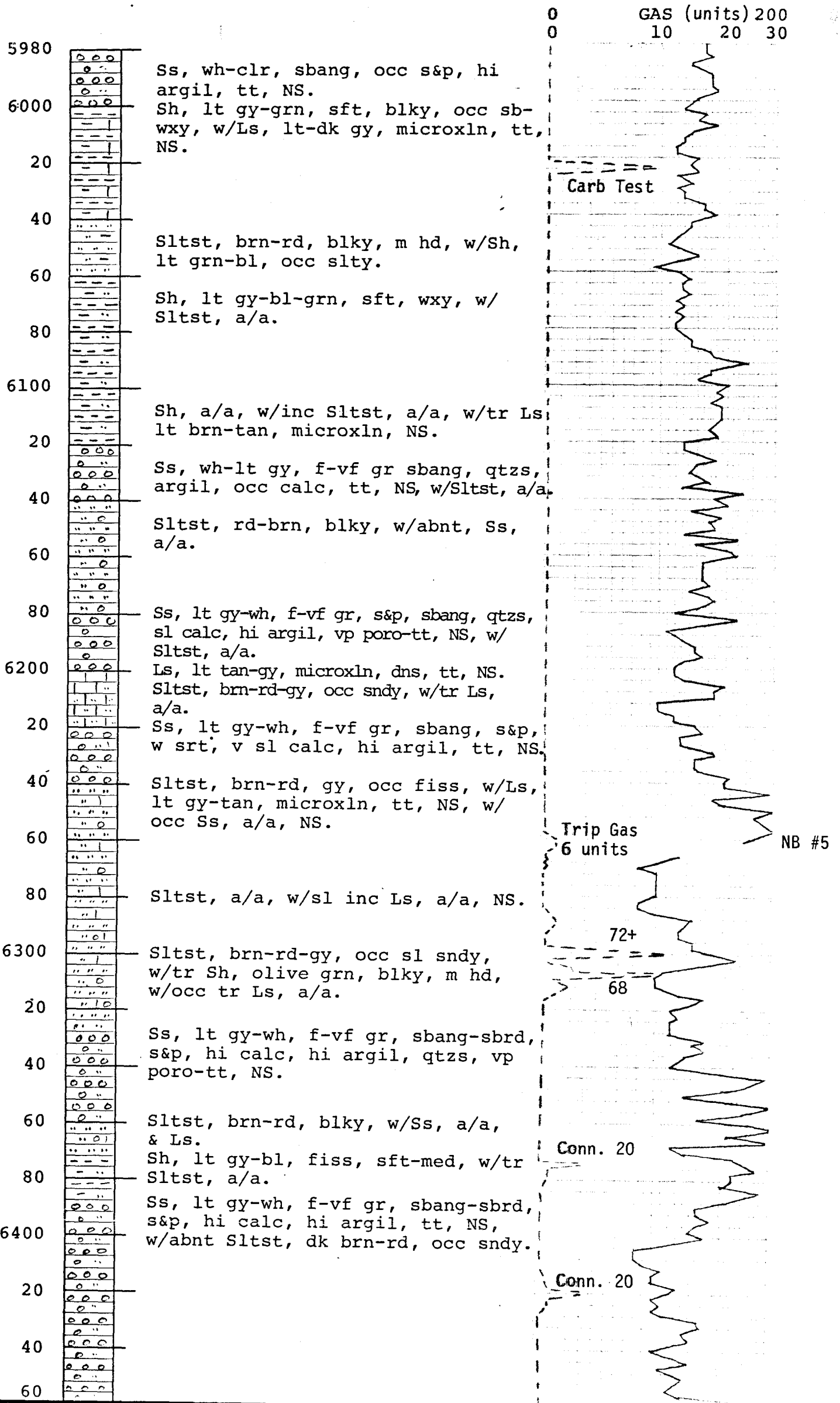
RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING

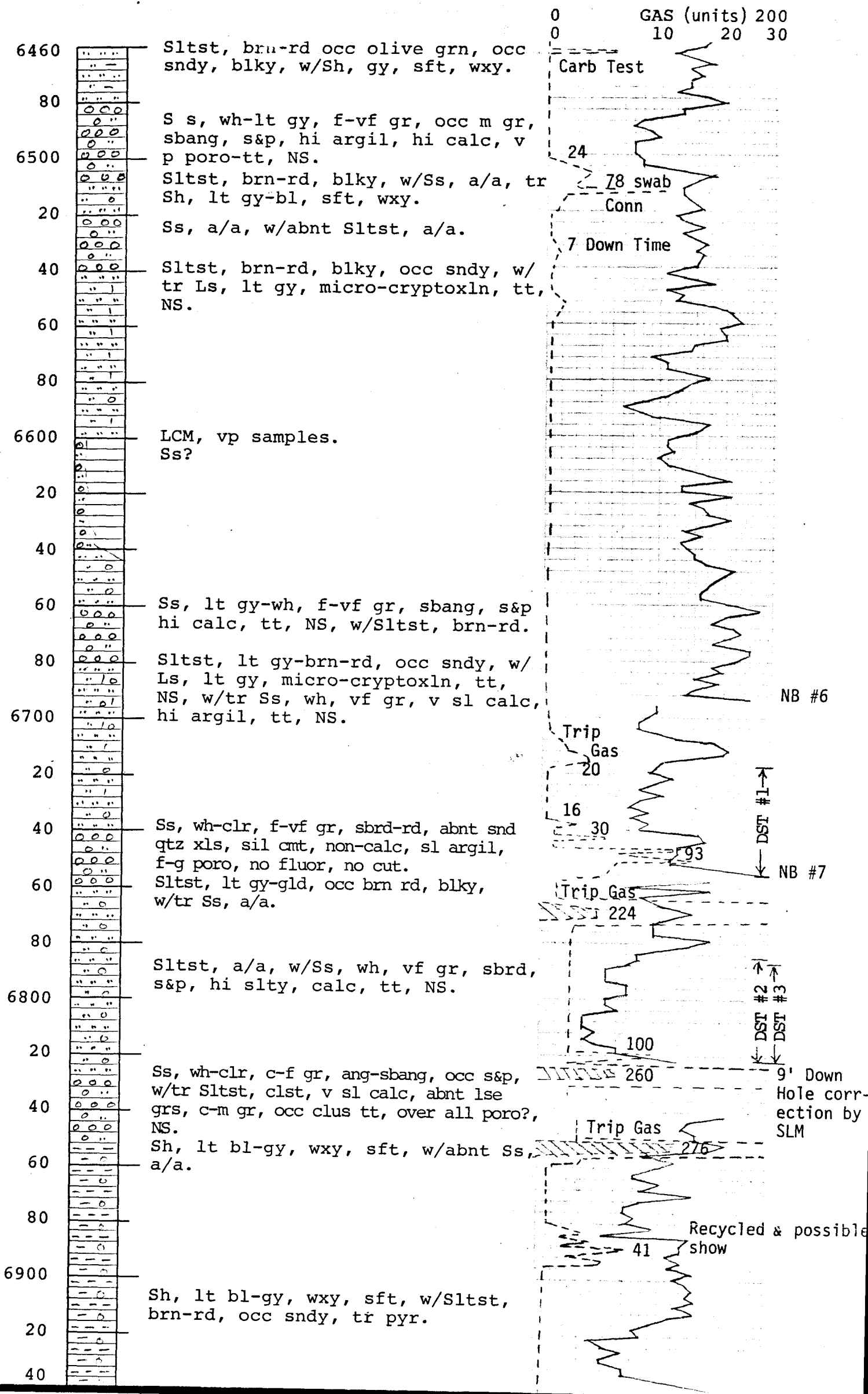


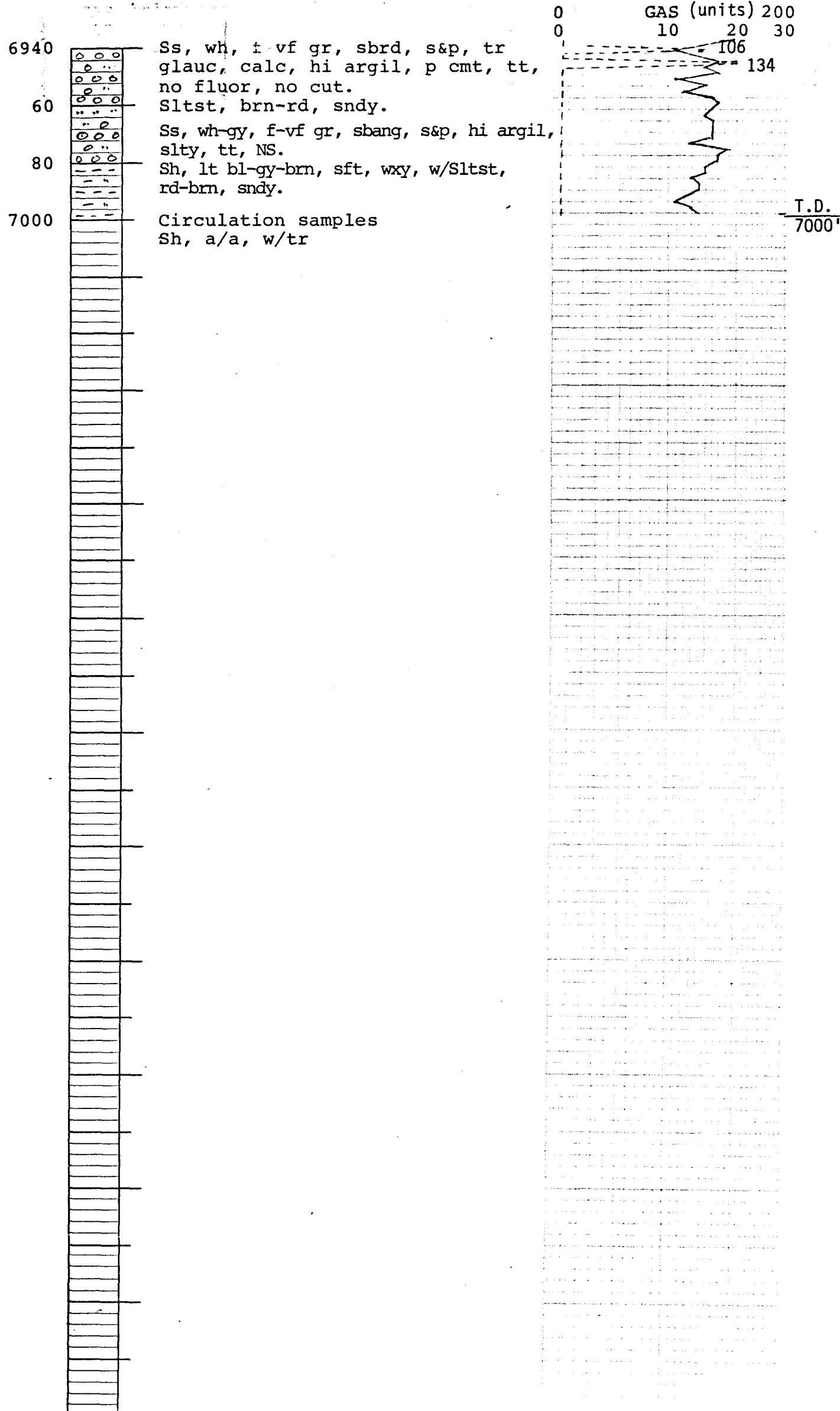
FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/2ft.)	FORMATIONS By Penetration
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OPERATOR Pacific Transmission Supply Company	WELL #21-22 Federal	LOCATION NE NW Sec. 22-T12S-R15E	ELEVATION 7195'GL 7211'KB
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RONALD A. BAUGH, PETROLEUM GEOLOGIST, CASPER, WYOMING



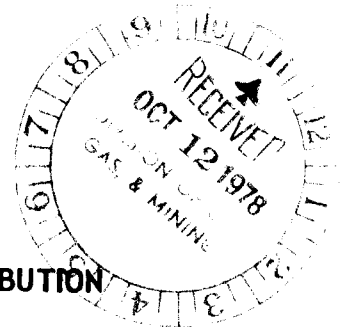






JOHNSTON

P.O. BOX 36369 • HOUSTON, TEXAS



CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER PACIFIC TRANSMISSION SUPPLY COMPANY **FIELD REPORT NO.** 13404 D **DATE** 9-20-78
COMPANY SAME AS ABOVE **LEASE** FEDERAL **WELL NO.** 21-22
COUNTY CARBON **STATE** UTAH **FIELD** WILD CAT

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS.
THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: ☒ ALL TESTS ON THIS WELL, ☐ THIS ONE TEST ONLY, UNLESS OTHERWISE NOTIFIED.

1 TECHNICAL REPORT (S)
PACIFIC TRANSMISSION SUPPLY COMPANY
633 - 17TH STREET; SUITE 2140
DENVER, COLORADO 80202
ATTN: J.L. WROBLE

1 TECHNICAL REPORT (S)
PACIFIC TRANSMISSION SUPPLY COMPANY
P.O. BOX 3093
CASPER, WYOMING 82602
ATTN: D.E. BEARDSLEY

1 TECHNICAL REPORT (S)
PACIFIC TRANSMISSION SUPPLY COMPANY
245 MARKET STREET; ROOM 1620
SAN FRANCISCO, CALIFORNIA 94105
ATTN: E.R. HENRY

1 TECHNICAL REPORT (S)
MR. W.B. ALLEN
P.O. BOX 2352
CASPER, WYOMING 82602

1 TECHNICAL REPORT (S)
U.S. GEOLOGICAL SURVEY
8426 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138
ATTN: E.W. GUYNN

1 TECHNICAL REPORT (S)
DIVISION OF OIL, GAS & MINING
1588 WEST, NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
ATTN: P.L. DRISCOLL

1 TECHNICAL REPORT (S)
CHORNEY OIL COMPANY
401 LINCOLN TOWER BUILDING
DENVER, COLORADO 80295
ATTN: SAM BOLTZ, JR.

1 TECHNICAL REPORT (S)
MONO POWER COMPANY
P.O. BOX 800
ROSEMEAD, CALIFORNIA 91770
ATTN: B.J. PERRY

1 TECHNICAL REPORT (S)
PACIFIC TRANSMISSION SUPPLY COMPANY
PROFESSIONAL BUILDING; 64 EAST MAIN STREET
VERNAL, UTAH 84078
ATTN: R.J. FIRTH

1 TECHNICAL REPORT (S)
GULF OIL CORPORATION
P.O. BOX 2619
CASPER, WYOMING 82602
ATTN: GEORGE OLSEN

It is our pleasure to be of service.

JOHNSTON



JOHNSTON

P.O. BOX 36369 • HOUSTON, TEXAS

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER SHELL OIL COMPANY FIELD REPORT NO. 22698 D DATE 10-5-78
COMPANY SAME AS ABOVE LEASE FEDERAL WELL NO. 2-10
COUNTY GARFIELD STATE UTAH FIELD WILD CAT

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS.
THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: ☒ ALL TESTS ON THIS WELL, ☐ THIS ONE TEST ONLY, UNLESS OTHERWISE NOTIFIED.

2 TECHNICAL REPORT (S)
SHELL OIL COMPANY
1700 BROADWAY
DENVER, COLORADO 80290
ATTN: DEVELOPMENT COORDINATOR

3 TECHNICAL REPORT (S)
SHELL OIL COMPANY
WESTERN E & P DIVISION
P.O. BOX 831
HOUSTON, TEXAS 77001
ATTN: PETROPHYSICAL ENGINEERING; ROOM 1855

1 TECHNICAL REPORT (S)
SHELL OIL COMPANY
WESTERN E & P DIVISION
P.O. BOX 576
HOUSTON, TEXAS 77001
ATTN: E & P FILES

2 TECHNICAL REPORT (S)
UTAH OIL & GAS CONSERVATION COMMISSION
1588 WEST, NORTH TEMPLE
SALT LAKE CITY, UTAH 84116

2 TECHNICAL REPORT (S)
U.S.G.S.
8416 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84111

____ TECHNICAL REPORT (S)

____ TECHNICAL REPORT (S)

____ TECHNICAL REPORT (S)

____ TECHNICAL REPORT (S)

____ TECHNICAL REPORT (S)

It is our pleasure to be of service.

JOHNSTON





P.O. BOX 36369 • HOUSTON, TEXAS

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER _____ FIELD REPORT NO. 13404 D DATE _____
COMPANY _____ LEASE _____ WELL NO. _____
COUNTY _____ STATE _____ FIELD _____

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS.
THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: ☒ ALL TESTS ON THIS WELL, ☐ THIS ONE TEST ONLY, UNLESS OTHERWISE NOTIFIED.

1 TECHNICAL REPORT (S)
RONALD A. BAUGH
111 EAST - 2ND STREET
CASPER, WYOMING 82601

_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

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_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

It is our pleasure to be of service.

JOHNSTON

WELL REPORT

Pacific Transmission Supply Company
#21-22 Federal
660' FNL, 1978' FWL (NE NW)
Section 22-T12S-R15E
Carbon County, UTAH

AREA: Stobin Unit Wildcat

ELEVATION: 7195'GL, 7211'KB (Depth Datum)

SPUD: August 26, 1978

CEASE DRILLING: October 2, 1978

CASING: 13 3/8 @ 161'
9 5/8 @ 2326'

CONTRACTOR: TWT Exploration, Inc. Rig #6

CORES: None

DSTS: #1 6726-6764', #2 6794-6839', #3 6796-6839'

GAS DETECTOR: Tooke Engineering Unmanned Unit

SAMPLES: 10' samples, 161' to T.D.

LOGS: Schlumberger DIL 161-2320'; DLL, FDC/CNL, & S/GR 2320-7000'

TOTAL DEPTH: 7000' Drl., 7006' Lgr.

FORMATION AT TD: Mesaverde

STATUS: Attempting Mesaverde Completion

GEOLOGICAL INTERPRETATION

System Formation Member	Porous Bed	Depth	Datum Of Top	Content	How Determined
Tertiary		Surface			
Green River	Ss	Surface			
Carbonatite Mkr.	Ls	1886'	+5325'	Water	Samples-Logs
Wasatch		2794'	+4417'		
Upper Wasatch Mkr.	Ss	3100'	+4111'	Water	Samples-Logs
Middle Wasatch Mkr.		3740'	+3471'	Water	Samples-Logs
Cretaceous		6432'	+ 779'		
Mesaverde		6432'	+ 779'		
'400' Foot Sand	Ss	6790'	+ 421'	Hydcbn	Samples-Logs, Hot Wire, DST

R O N A L D A . B A U G H , C O N S U L T I N G G E O L O G I S T

Contractor T.W.T. Exp., Inc. Top Choke 1/4"
Rig No. 6 Bottom Choke 3/4"
Spot --- Size Hole 7 7/8"
Sec. 22 Size Rat Hole ---
Twp. 12 S Size & Wt. D. P. 4 1/2" 16.60
Rng. 15 E Size Wt. Pipe ---
Field Wildcat I. D. of D. C. 2 1/4"
County Carbon Length of D. C. 466'
State Utah Total Depth 6755'
Elevation 7195' "Ground" Interval Tested 6716-6755'
Formation Wasatch Type of Test Bottom Hole
Conventional

Flow No. 1 30 Min.
Shut-in No. 1 60 Min.
Flow No. 2 90 Min.
Shut-in No. 2 120 Min.
Flow No. 3 --- Min.
Shut-in No. 3 --- Min.

Bottom
Hole Temp. 142° F
Mud Weight 9.3
Gravity ---
Viscosity 30

Tool opened @ 2:00 PM.

Outside Recorder

PRD Make Kuster AK-1
No. 2559 Cap. 5400 @ 6730'

Press		Corrected
Initial Hydrostatic	A	3239
Final Hydrostatic	K	3197
Initial Flow	B	347
Final Initial Flow	C	340
Initial Shut-in	D	727
Second Initial Flow	E	448
Second Final Flow	F	515
Second Shut-in	G	747
Third Initial Flow	H	---
Third Final Flow	I	---
Third Shut-in	J	---

Lynes Dist.: Rock Springs, Wy.
Our Tester: Herman Coomer
Witnessed By: Ear; Staley

Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE: 1800' Drilling mud (test was reverse circulated)

1st Flow - Tool opened with a weak blow, increased a 3" underwater blow at end of flow period.

2nd Flow - Tool opened with a very weak blow, increased to a 3" underwater blow in 75 minutes and remained thru flow period.

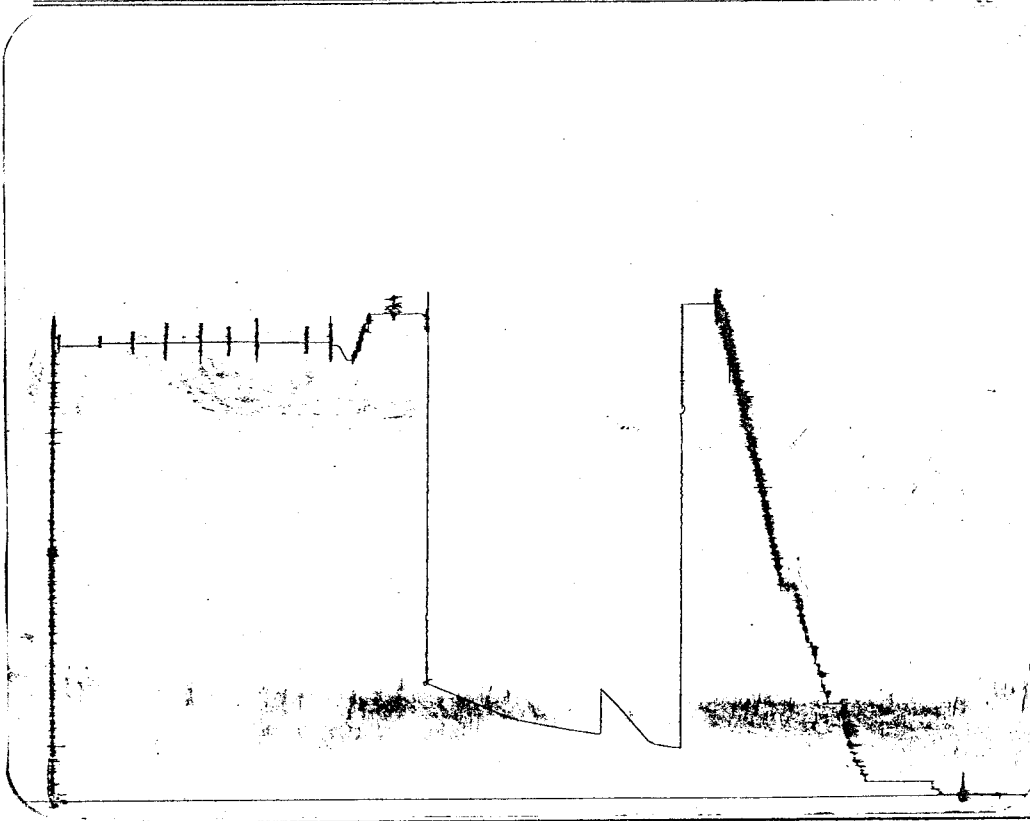
REMARKS:

The charts and the recovery indicate that there may have been a leak in the string above tools. If there was a leak it apparently had little effect on the shut-in pressures, both shut-in pressure build-up curves indicate very low permeability within the interval tested.

Operator Pacific Transmission Supply Co. Well Name and No. Federal #21-22
Address See Distribution Ticket No. 10474 Date 9-27-78
No. Final Copies 11

LYNES, INC.

Operator Pacific Transmission Supply Lease & No. Federal #21-22 DST No. 1
Co.



Inside Recorder		
PRD Make <u>Kuster AK-1</u>		
No. <u>3812</u> Cap. <u>5100</u> @ <u>6721</u>		
Press		Corrected
Initial Hydrostatic	A	3219
Final Hydrostatic	K	3175
Initial Flow	B	318
Final Initial Flow	C	335
Initial Shut-in	D	717
Second Initial Flow	E	440
Second Final Flow	F	409
Second Shut-in	G	738
Third Initial Flow	H	---
Third Final Flow	I	---
Third Shut-in	J	---
Pressure Below Bottom Packer Bled To		

PRD Make _____		
No. _____ Cap. _____ @ _____		
Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	
Pressure Below Bottom Packer Bled To		

LYNES, INC.

Operator Pacific Transmission Supply Lease & No. Federal #21-22 DST No. 1
Co.

Recorder #2559 @ 6730'

Initial Shut-In

0 Min.	340 Psig.
6 "	368 "
12 "	415 "
18 "	457 "
24 "	497 "
30 "	540 "
36 "	581 "
42 "	619 "
48 "	658 "
54 "	691 "
60 "	727 "

Final Shut-In

0 Min.	515 Psig.
12 "	535 "
24 "	558 "
36 "	584 "
48 "	607 "
60 "	630 "
72 "	654 "
84 "	678 "
96 "	702 "
108 "	724 "
120 "	747 "

LYNES, INC.

Fluid Sample Report

Company Pacific Transmission Supply Co. Date 9-27-78
Well Name & No. Federal #21-22 Ticket No. 10474
County Carbon State Utah
Test Interval 6716-6755' DST No. 1

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 1300 cc.

Pressure in Sampler: 10 psig

Oil: None cc.

Water: None cc.

Mud: 1300 cc.

Gas: None cu. ft.

Other: None

R.W. .3 @ 75°F = 20,000 ppm.chl.

Resistivity

Make Up Water 10.0 @ 75°F of Chloride Content 500 ppm.

Mud Pit Sample .28 @ 75°F of Chloride Content 21,000 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location

Remarks: _____

JOHNSTON

Schlumberger

technical report

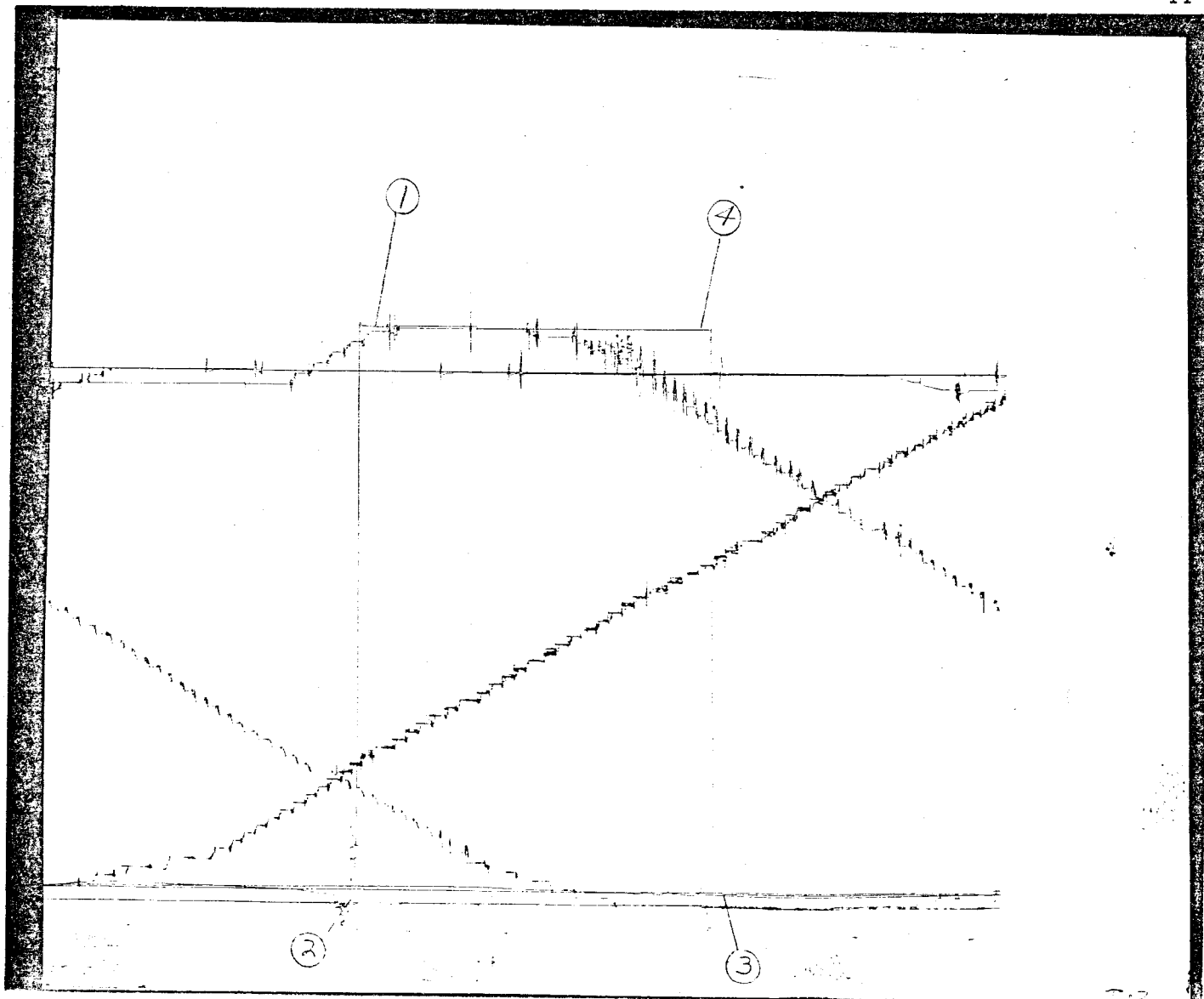
INSTRUMENT NO.: J-061 CAPACITY (P.S.I.): 4700# DEPTH 6806 FT.

PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 144°F. FIELD REPORT NO. 13404 D

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	3342.6		
INITIAL FLOW (1)				
INITIAL FLOW (2)				
INITIAL SHUT-IN				
SECOND FLOW (1)				
SECOND FLOW (2)				
SECOND SHUT-IN				
FINAL FLOW (1)	2	47.9		
FINAL FLOW (2)	3	80.9	427	
FINAL SHUT-IN				
FINAL HYDROSTATIC MUD	4	3337.9		

REMARKS: UNSUCCESSFUL TEST.

11-



CHECKLIST FOR MICROFILM

COUNTY: CARBONSECTION: 22 TOWNSHIP: 12S RANGE: 15EOPERATOR: PACIFIC TRANSMISSION SUPPLY CO.WELL NAME: FEDERAL # 21-22API NO. 43-007-30041

WELL STATUS: DR P&A POW

516WYEAR OF COMPLETION: 78LOCATION: 660' FSL (FNL) 1978 FEL (FWL) 1/4 1/4 NE NWLEASE STATUS: FED STATE (FEE) INDIANBOND STATUS: (YES) NO

APD

☒

PLAT MAP

☒

SPUD DATE

☒

WELL COMPLETION

☒

P&A REPORT AFTER ACTIVE COMPLETION

☐

FORMATION TOPS

☒

FIELD

☒

LOGS

☒

NOTES

1.

2.

3.

4.

5.

6.

7.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
P. O. Box 970
Moab, UT 84532

NATURAL GAS CORP.

3107
(U-0137844)
(U-15254)
(U-11604)
(U-065)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. 0073

MAY 16 1984

MAY 14 1984

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078

VERNAL OFFICE

RE: Well #2-B-27
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27, T. 12S., R. 15E.
Carbon County, Utah
Federal Lease U-0137844

Well #1-11
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 11, T. 12S., R. 14E.
Carbon County, Utah
Federal Lease U-15254

Well #21-22
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22, T. 12S., R. 15E.
Carbon County, Utah
Federal Lease U-11604

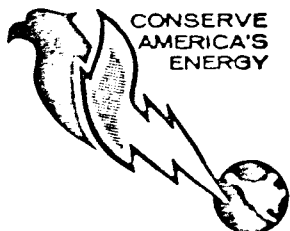
Gentlemen:

A review of our files concerning your wells #2-B-27, #1-11, and #21-22 located in Carbon County, Utah, shows that the wells have been shut-in since completion. Since these leases are in their extended term by production, they must contain a well capable of producing hydrocarbons in paying quantities, i.e., sufficient quantities to pay the day to day operating and lease maintenance costs.

In the absence of an acceptable showing by your corporation that the subject wells are capable of producing leasehold substances in paying quantities, within sixty (60) days from receipt of this notice, this office will recommend to our State Office that the leases be terminated.

If you consider any of the wells incapable of production in paying quantities, the subject leases will terminate and you will need to submit plans to plug and abandon the wells.

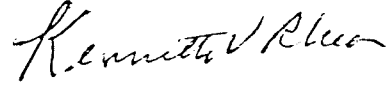
The foregoing information is furnished so that you may take such action as necessary and perform any needed tests as would be appropriate to make this determination. You are further reminded that no production tests or other operations should be conducted on the leases without prior approval by the Moab District Office in the form of a Sundry Notice.



Save Energy and You Serve America!

If you have any questions, please feel free to contact our Branch of Fluid Minerals.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Kenneth V. Blum".

ACTING District Manager

cc: Price River Resource Area

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
reverse side)

E*
re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Pacific Transmission Supply Co. C/O Natural Gas Corp. of CA

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FNL, 1978' FWL, NE $\frac{1}{4}$ NW $\frac{1}{4}$

5. LEASE DESIGNATION AND SERIAL NO.
U-11604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
21-22

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec. 22, T.12S., R.15E.

12. COUNTY OR PARISH
Carbon

13. STATE
Utah

14. PERMIT NO.
43-007-30041

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7195' GR

DIVISION OF OIL
& MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Flow test well

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well will require a blow down pit to be dug before a flow test (per BLM request--attached) can be conducted on this location. The pit will be 30' x 30' dug with a backhoe.

Verbal approval was granted per telephone conversation with BLM in Moab 7/9/84.

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan
William A. Ryan

TITLE Petroleum Engineer

DATE 7/11/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

July 18, 1984

Bureau of Land Management
Moab District
P.O. Box 970
Moab, UT 84532

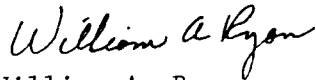
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: PTS #21-22 Federal
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22, T.12S., R.15E.
Carbon County, UT

Gentlemen:

Attached are copies of Form 3160-5, Sundry Notices and Reports on Wells,
Subsequent Report of Flow Test, for the subject well.

Yours truly,



William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: R. Langenwalter
E. Hadsell
L. Jorgensen
Land Dept.
S. Furtado
H. Myers

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

TE
re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-11604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

21-22

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 22, T.12S., R.15E.

12. COUNTY OR PARISH

Carbon

13. STATE

Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Pacific Transmission Supply Co. C/O Natural Gas Corp. of CA

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FNL, 1978' FWL, NE $\frac{1}{4}$ NW $\frac{1}{4}$

14. PERMIT NO.

43-007-30041

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7195' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Flow Test

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well has been tested per the request made 5/14/84 (attached). The subject well tested 979 MCF/D on 7/10/84.

RECEIVED

JUL 19 1984

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan
William A. Ryan

TITLE

Petroleum Engineer

DATE

7/18/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Myers; Langenwalter; Hadsell; Ljorgensen; Land; SFurtado

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPI
(Other Instructions
verse side)

TE
re

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-11604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Natural Gas Corporation of California for PTS

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FNL 1978' FWL NE NW
Section 22, T.12S., R.15E.

14. PERMIT NO.
43-007-30041

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7195' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

21-22

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 22, T.12S., R.15E.

12. COUNTY OR PARISH

Carbon

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Other) Request Temporary Surface Pit X

(NOTE: Report results of multiple completion on Well
Completion or Reccompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan

TITLE

Petroleum Engineer

DATE

November 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED

APPROVED BY THE STATE

OF UTAH DIVISION OF

OIL, GAS, AND MINING

DATE

11/20/84

*See Instructions on Page 3

Federal approval of this report
is required before commencing
operations

DEPARTMENT OF THE INTERIOR (verse side)
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SEE ATTACHED LIST	
2. NAME OF OPERATOR NATURAL GAS CORPORATION OF CALIFORNIA		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, Utah 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME	
		9. WELL NO. SEE ATTACHED LIST	
		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The attached list will advise you of the designated Operator on several leases for which there has been some confusion in the past as to the actual operator.

18. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Knutson

TITLE Technical Assistant

DATE

April 1, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NO	LOCATION, TWP, RNG, COUNTY	LEASE NUMBER	DES/OPER.	DATE	REMARKS
21-22	NE/NW Sec 22, T12S, R15E, Carbon	U-11604	* PTS	1978	
1-11	SW/SE Sec 11, T12S, R14E, Carbon	U-15254	PTS	1984	
41-9	NE/NE Sec 9, T9S, R24E, Uintah	U-5217	** NGC	1977	NGC Unit Operator
23-25	NE/SW Sec 25, T8S, R23E, Uintah	U-7386	NGC	1977	NGC Unit Operator
23-11	NE/SW Sec 11, T9S, R23E, Uintah	U-0146800	NGC	1977	NGC Unit Operator
33-11	NW/SE Sec 11, T16S, R24E, Grand	U-10423	PTS		PTS has CA which overrides NGC's DO
4-5	NE/SE Sec 5, T10S, R23E, Uintah	U-33433	NGC	1984	

* PACIFIC TRANSMISSION SUPPLY

** NATURAL GAS CORPORATION OF CALIFORNIA

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

Page 1 of 1

Operator name and address:

• PACIFIC TRANSMISS. SUPPLY
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PRODUCTION ACCOUNTING

Utah Account No. N0720

Report Period (Month/Year) 7 / 87

Amended Report ☐[illegible]

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

NGC
Energy
Company

RECEIVED

AUG 5 1987

DIVISION OF OIL
GAS & MINING

Four Embarcadero Center
Suite 1400
San Francisco 94111-4164
(415) 951-7700

081113

H. G. Culp
Manager, Contract Administration

July 30, 1987

State of Utah
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Arlene Sollis

Re: State of Utah O&G Drilling Bond No. 8057-26-00
Pacific Transmission Supply Company, Principal
Federal Insurance Company, Surety
Dated: May 22, 1973
Amount: \$50,000

Ladies and Gentlemen:

On June 23, 1987, Pacific Transmission Supply Company was merged into PGandE Gas Supply Company. On the same date, PGandE Gas Supply Company, the surviving corporation in the merger, changed its name to NGC ENERGY COMPANY. Attached are copies of Certificates issued by the California Secretary of State evidencing the merger and name change.

Enclosed for your acceptance is a surety rider to be attached to and form a part of the above described State of Utah Blanket Oil & Gas Drilling Bond No. 8057-26-00.

The aforementioned rider changes the name of Principal in the captioned bond from Pacific Transmission Supply Company to NGC Energy Company, effective June 23, 1987.

Very truly yours,



Diane J. Williams
Contract Administrator

DJW:kk

cc: CHUBB Group of Insurance Co.
Two Embarcadero Center, Suite 900
San Francisco, CA 94111

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

21-22 Federal

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL, 1978' FWL NE/NW
Section 22, T12S, R15E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Annual Status Report

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANNUAL STATUS REPORT

This well has never produced since completion. Well tested 979 MCF/D on 7/10/84.
We have a sale pending on this property.

Copies: Div. OG&M; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title Senior Production Foreman

Date 2/4/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Form 3000-3
(June 1988)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCESMineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

U-11604

Lease Effective Date
(Anniversary Date)

05/01/70

New Serial No.

433002-000

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* McCullis Resources Co., Inc.
Street 521 17th Street, Suite 2155
City, State, ZIP Code Denver, CO 80293*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal LeaseInterest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description

Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.

Percent of Interest

Owned

Conveyed

Retained

Percent of
Overriding Royalty
or Similar Interests

Reserved

Previously
reserved
or conveyed

Township 12 South, Range 15 East, SLM

75%

100%

-0-

-0-

4%

Section 22: All

Section 23: All

Section 35: N/2, SE/4

Containing 1,760.00 acres, more or less.

Carbon County, Utah

Should assignee decide to take over operations,
they need to submit to the Moab District Office,
along with a Sundry Notice, proof of sufficient
bond coverage.

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

☒ Assignment approved for above described lands;☐ Assignment approved for attached land description

JUL 1 1992

Assignment approved effective

By

(Authorized Officer)

☐ Assignment approved for land description indicated on reverse
of this formCHIEF, MINERAL
ADJUDICATION SECTION

JUN 23 1992

(Title)

(Date)

PART C: GENERAL INSTRUCTIONS

1. Assignor/Assignee(s) must complete Parts A1 and A2 and Part B. All parties to assignment must sign as follows: The assignor(s) must manually sign 3 original copies and the assignee(s) must manually sign at least 1 of the 3 original copies. File three (3) completed copies of this form in the proper BLM office for each assignment of record title. For a transfer of overriding royalty interest, payment out of production or other similar interest or payment, file one (1) manually signed copy of this form. The required filing fee (nonrefundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
2. Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
3. In Item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135, or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease; e.g., if assignor assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
4. If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed. Also list names and addresses of any additional assignee(s) on reverse of this form or on a separate attached sheet of paper.

5. If any payment out of production or similar interests, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
6. The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
7. Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary, it must be furnished prior to approval of the assignment.
8. Approval of assignment of record title to 100% of a portion of the leased lands creates separate leases of the retained and the assigned portions, but does not change the terms and conditions of the lease anniversary date for purposes of payment of annual rental.
9. Overriding royalty, payment out of production or other similar types of transfers must be filed with BLM, but will be accepted for record purposes only. No official approval will be given.

1. This information is being collected pursuant to 16

2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.

3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USES:

(1) The adjudication of the assignee's rights to the land or resources.

(2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.

(3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Year

Year

Year

Part A (Continued). ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States, an association of such citizens, a municipality, or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations. (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act, and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 30 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 29th day of May, 19 92Name of Assignor as shown on current lease PG&E Resources, Company
Please type or printAssignor W. B. Granberry (Signature) Vice President
William M. Middleton (Signature) Assistant Secretary
5950 Berkshire Lane, Suite 600
(Assignor's Address)Dallas Texas 75225
(City) (State) (Zip Code)Executed this 4th day of June, 19 92

McCULLISS RESOURCES CO., INC.

Assignee Paul L. McCullis (Signature) President
or Paul L. McCullis, (Signature) Attorney-in-fact
(Signature)

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

U-11604

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

☐Oil
Well☒Gas
Well☐

Other (specify)

2. Name of Operator

PG&E Resources Company

3. Address of Operator

5950 Berkshire Ln Ste 600 Dallas, TX 75225

4. Telephone Number

214-750-3800

9. Well Name and Number

#21-22 Federal

10. API Well Number

43-007-30041

11. Field and Pool, or Wildcat

Wildcat

5. Location of Well

Footage : 660' FNL, 1978' FWL NE/NW
QQ, Sec. T., R., M. : Sec. 22-T12S-R15E

County : Carbon

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Ownership</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well is being purchased by: McCulliss Resources Co., Inc.
621 17th Street
Suite 2155
Denver, Colorado 80293

Change of ownership will be effective 07-01-92.

RECEIVED

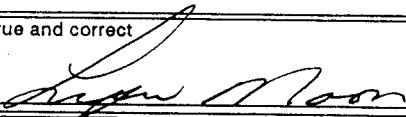
JUN 11 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Lynne Moon


Title Engineering Tech.Date 06-09-92

(State Use Only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		5. Lease Designation and Serial Number: U-11604
		6. If Indian, Allottee or Tribe Name:
		7. Unit Agreement Name:
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		8. Well Name and Number: Federal 21-22
2. Name of Operator: McCulliss Resources Co., Inc.		9. API Well Number: 43-007-30041
3. Address and Telephone Number: 621 17th Street, Suite 2155, Denver, CO 80293 (303) 292-5458		10. Field and Pool, or Wildcat: Wildcat
4. Location of Well		
Footages: 660' FNL 1978'		County: Carbon
QQ, Sec., T., R., M.: NE/NW Sec. 22-T12S-R15E		State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>ANNUAL STATUS REPORT</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Waiting on Pipeline Hook Up.

RECEIVED

JAN 29 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature:  Paul L. McCulliss Title: President Date: 01/26/93

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

McCulliss Resources Co., Inc.

3. Address and Telephone Number:

621 17th Street, Suite 2155, Denver, CO 80293 (303) 292-5458

4. Location of Well

Footages: 660' FNL 1978'

QQ, Sec., T., R., M.: NE/NW Sec. 22-T12S-R15E

5. Lease Designation and Serial Number:

U-11604

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal 21-22

9. API Well Number:

43-007-30041

10. Field and Pool, or Wildcat:

Wildcat

County: Carbon

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please change operator effective July 1, 1992

from: PG&E Resources Company
5950 Berkshire Ln, Suite 600
Dallas, TX 75225

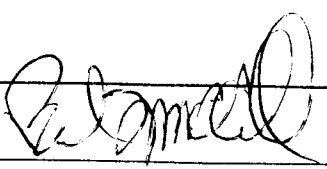
to: McCulliss Resources Co., Inc.
621 17th Street, Suite 2155
Denver, CO 80293

RECEIVED

APR 26 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: 

Paul L. McCulliss Title: President

Date: 4/19/93

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

McCulliss Resources Co., Inc.

3. Address and Telephone Number:

621 17th Street, Suite 2155, Denver, Colorado 80293 (303) 292-5458

4. Location of Well

Footages: 660' FNL, 1978' FWL NW/NW

QQ, Sec., T., R., M.: Sec. 22-T12S-R15E

5. Lease Designation and Serial Number:

U-11604

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal 21-22

9. API Well Number:

43-007-30041

10. Field and Pool, or Wildcat:

Wildcat

County: Carbon

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |

☒ Other Notice of Intent

Approximate date work will start April 2, 1994

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

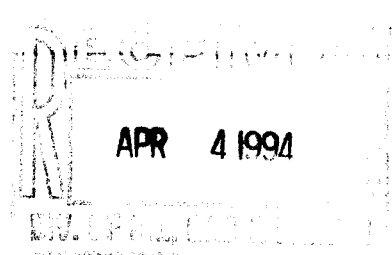
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator proposes to do a potential test on well prior to installing pipeline. Test will commence on or before April 2, 1994.



13.

Name & Signature:

Paul L. McCulliss

Title: President

Date: 3/30/94

(This space for State use only)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

October 11, 1994



Ms. Teri Pagliasotti, Manager
McCulliss Resources Co., Inc.
621 17th Street, Suite 2155
Denver, Colorado 80293

OCT 14 1994

Re: Federal 21-22 (Federal Lease # USA U 11604)
Federal 1-11 (Federal Lease # USA U 15254)
Argyle State 33-36 (ST UT ML 21020)
Carbon and Duchesne Counties, Utah

Dear Ms. Pagliasotti:

Regarding the referenced wells now operated by McCulliss Resources Co., Inc., we have been advised that federal and state records reflect the current operator as PG&E Resources Company. In the event that you have not filed the necessary Sundry Notice evidencing change in operator with the appropriate BLM office, we will appreciate your submitting same to them as soon as possible. Please also furnish this office with a copy of the Sundry Notice when available.

Your immediate attention to this matter will be appreciated.

Yours very truly, ,

Karen Liquori
214-750-3885

cc: Ms. Leesha Cordova
State of Utah
355 W. North Temple, 3 Triad Center
Salt Lake City, Utah 84180

U. S. Department of Interior - BLM
Moab District Office
82 East Dogwood
P. O. Box 970
Moab, Utah 84532

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-DEC 7-PL	✓
2-LWP 8-SJ	✓
3-DEC 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-01-92)

TO (new operator)	MCCULLISS RESOURCES CO INC	FROM (former operator)	PG&E RESOURCES COMPANY
(address)	621 17TH ST STE 2155	(address)	6688 N CENTRAL EXP #1000
	DENVER CO 80293		DALLAS TX 75206-3922
	PAUL MCCULLISS		
phone (303)	292-5458	phone (214)	750-3922
account no.	N6940	account no.	N 0595

Well(s) (attach additional page if needed):

Name: STOBIN FED 21-22/MVRD	API: 43-007-30041	Entity: 6122	Sec 22 Twp 12S Rng 15E	Lease Type: U11604
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (6-11-92) (10-7-94) (10-9-94)
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (4-26-93) (10-23-94)
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Lee* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. 10-31-94
- LWP* 6. Cardex file has been updated for each well listed above. 10-31-94
- LWP* 7. Well file labels have been updated for each well listed above. 10-31-94
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-31-94)
- Lee* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- ✓* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/*no*) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ✓* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19 _____. If yes, division response was made by letter dated _____ 19 _____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19 _____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: *November 4* 19*94*.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941031 Bm Aprv. 10-25-94.

McCulliss Resources Company, Inc.
Well No. Federal 21-22
NENW Sec. 22, T. 12 S., R. 15 E.
Grand County, Utah
Lease U-11604

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that McCulliss Resources Company, Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0896 (Principal - McCulliss Resources Company, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 28

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

McCulliss Resources Co., Inc.

3. Address and Telephone No.

621 17th Street, Suite 2155 Denver, Colorado 80293

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL, 1978' FWL
NE/4NW/4, Sec. 22-T12S-R15E

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that McCulliss Resources Co., Inc. is considered to be the operator of Well No. Federal 21-22; NE/NW/4, Section 22-Township 12 South-Range 15 East; Lease U-11604, Carbon County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond No. B03490.

14. I hereby certify that the foregoing is true and correct.

Signed

Title Paul L. McCulliss, President

Date October 20, 1994

(This space for Federal or State officer use)

WILLIAM C. STRINGER

Associate District Manager

Approved by
Conditions of approval, if any:

Title

Date

OCT 25 1994

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

McCulliss Resources Co., Inc.

3. Address and Telephone No.

P.O. Box 3248, Littleton, Colorado 80161-3248 (303) 619-3329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL and 1,978' FWL
NE/4NW/4 of Section 22-T12S-R15E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Meter installed
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Meter was installed the first week of March, 1998 and the Well returned to production.

14. I hereby certify that the foregoing is true and correct

Signed

Paul McCulliss

Title Paul L. McCulliss, President

Date 4-1-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

McCulliss Resources Co., Inc.

3. Address and Telephone No.

P.O. Box 3248, Littleton, Colorado 80161-3248 (303) 619-3329

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL, 1,978' FWL
NE/4NW/4 of Section 22-T12S-R15E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

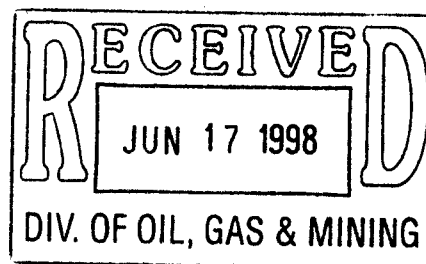
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Clean out/lower tubing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator will clean out wellbore to PBTD 6,953' and lower tubing from 6,755' to 6,936'.



14 I hereby certify that the foregoing is true and correct

Signed

Paul M. Culless

Title President

Date 6-15-98

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Title

COPY SENT TO OPERATOR

Date:

Initials:

6-29-98
KDK

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.

FOR RECORD ONLY

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699 (801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1,978' FWL NE/4 NW/4 Section 22-T12S-R15E

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stobin Fed. #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Change of Operator	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

Signed

Title President / McCulliss Resources Co. Inc.

Date

1/13/99

14. I hereby certify that the foregoing is true and correct

Signed

Title President / Wasatch Oil & Gas Corp.

Date

1/13/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

FORM 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699

(801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1,978' FWL NE/4 NW/4 Section 22-T12S-R15E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stobin Fed. #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other Change of Operator

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

Burn Bond No. 1171128 approved 2/8/99

DEPT OF THE INTERIOR
BUREAU OF LAND MGMTRECEIVED
MOAB FIELD OFFICE
JAN 19 1:58RECEIVED
MOAB FIELD OFFICE

Signed

Title President / McCulliss Resources Co. Inc.

Date

1/13/99

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title President / Wasatch Oil & Gas Corp.

Assistant Field Manager,
Division of Resources

Date

Date

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side

Wasatch Oil and Gas Corporation
Well No. Stobin Federal 21-22
NENW Sec. 22, T. 12 S., R. 15 E.
Lease UTU11604
Carbon County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Wasatch Oil and Gas Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1128 (Principal - Wasatch Oil and Gas Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-0137844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stone Cabin #2-B-27

9. API Well No.

43-007-30018

10. Field and Pool, or Exploratory Area

Stone Cabin

11. County or Parish, State

Carbon County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil ☐ Well Gas ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699

(801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,663' FNL & 1,628' FWL SE/4 NW/4 Section 27-T12S-R15E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

BLM Bond No. UT1128 approved 2/8/99

Signed

Title President / McCulliss Resources Co., Inc.

RECEIVED
MOAB FIELD OFFICE
1999 JAN 19 P 1:59
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

Date 1/13/99

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Approved by William H. Hanger
Conditions of approval, if any:

Title President / Wasatch Oil & Gas Corp.

Assistant Field Manager,
Division of Resources

Date 1/13/99

Date 2/17/99

APPROVED 2/16/99 WWH

Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation as to any matter within its jurisdiction.

*See Instructions on Reverse Side

Wasatch Oil and Gas Corporation
Well No. Stone Cabin 2-B-27
SENW Sec. 27, T. 12 S., R. 15 E.
Lease UTU0137844
Carbon County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Wasatch Oil and Gas Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1128 (Principal - Wasatch Oil and Gas Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-75035

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Stone Cabin Unit #1

9. API Well No.
43-007-16542

10. Field and Pool, or Exploratory Area
Stone Cabin

11. County or Parish, State

Carbon County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699

(801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,736' FNL & 2,381' FEL SW/4 NE/4 Section 13-T12S-R14E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

Perm Bond No. UT1128 approved 2/8/99

Signed

Title President / McCulliss Resources Co. Inc.

Title President / Wasatch Oil & Gas Corp.

Assistant Field Manager,
Division of Resources

Title

Date

Date

Date

14 I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

*See Instructions on Reverse Side

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

RECEIVED
MOAB FIELD OFFICE
JAN 19 11:59

RECEIVED
MOAB FIELD OFFICE
JAN 19 11:59

1/13/99

1/13/99

2/17/99

DEPT. OF THE INTERIOR

Wasatch Oil and Gas Corporation
Well No. Stone Cabin 1
SWNE Sec. 13, T. 12 S., R. 14 E.
Lease UTU75035
Carbon County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Wasatch Oil and Gas Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1128 (Principal - Wasatch Oil and Gas Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

DOGM SPEED LETTER

COPY

To: Ed Bonner

From: Kristen Risbeck

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 08/20 19 99

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s).

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: McCulliss Resources Company Inc.

New Operator: Wasatch Oil & Gas Corporation

Well(s):	API:	Entity:	S-T-R:	Lease:
PTS 33-36 State (Argyle Unit)	43-013-30486	06190	36-11S-14E	ML-21020

cc: Operator File

Signed *Kristen Risbeck*

REPLY

Date _____ 19 ____

Signed _____

OPERATOR CHANGE WORKSHEET

Routing:

1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJ-TP ✓
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☒ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-13-99

TO: (new operator)	<u>WASATCH OIL & GAS CORP.</u>	FROM: (old operator)	<u>MCCULLISS RESOURCES CO INC.</u>
(address)	<u>P.O. BOX 699</u>	(address)	<u>P.O. BOX 3248</u>
	<u>FARMINGTON, UT 84025</u>		<u>LITTLETON, CO 80161</u>
	<u>Phone: (801) 451-9200</u>		<u>Phone: (303) 619-3329</u>
	<u>Account no. N4520</u>		<u>Account no. N6940</u>

WELL(S) attach additional page if needed: ***ARGYLE UNIT, NINE MILE CANYON UNIT & PETERS POINT UNIT (GRRV A-B/WSTC A)**

name: *SEE ATTACHED*	API: <u>43-007-3004</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- ☒ 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 1.13.99)*
- ☒ 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 1.13.99)*
- ☒ 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes/no)* yes If yes, show company file number: 190417
- ☒ 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Approvals for unit Rec'd 2.11.99) (Apprv. for single wells Rec'd 8.20.99)*
- ☒ 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(8.20.99)*
- ☒ 6. **Cardex** file has been updated for each well listed above.
- ☒ 7. Well **file labels** have been updated for each well listed above. **new filing system*
- ☒ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.20.99)*
- ☒ 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- DL 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- DL 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- JHA 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- JHA 2. A copy of this form has been placed in the new and former operator's bond files.
- JHA 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DL 1. Copies of documents have been sent on Aug. 20, 1999 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- JHA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- DL 1. All attachments to this form have been **microfilmed**. Today's date: 11.3.99.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

990820 Blm (Carbon) will fax approvals of non unit wells. (Rec'd 8.20.99)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

07/08/1999

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS

PAUL MCCULLISS
MCCULLISS RESOURCES CO IN
PO BOX 3248
LITTLETON, CO 80161-3248

UTAH ACCOUNT NUMBER: N6940REPORT PERIOD (MONTH/YEAR): 6 / 1999AMENDED REPORT ☐ (Highlight Changes)

WELL NAME			Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
API Number	Entity	Location					OIL (BBL)	GAS (MCF)	WATER (BBL)
BATES 9-1			GR-WS		OW				
4301330469	00530	04S 06W 09							
JACK CANYON 101-A			WSTC		GW		U-069551		
4300730049	02455	12S 16E 33							
PETERS POINT #4			WSTC		GW		U-0741	Peters Point Unit (GRRV A-B)	
4300715393	02465	13S 16E 24							
PETERS POINT 14-9			GRRV		GW		U-03333	Peters Point Unit (GRRV A-B)	
4300730069	02465	13S 16E 14							
PETERS POINT #1			WSTC		GW		U-0744	Peters Point Unit (WSTC A)	
4300710216	02470	13S 17E 06							
PETERS POINT #2			WSTC		GW		U-0681	Peters Point Unit (WSTC A)	
4300715391	02470	12S 16E 36							
PETERS POINT #3			WSTC		GW		U-0725	Peters Point Unit (WSTC A)	
4300715392	02470	13S 17E 08							
PETERS POINT #9			WSTC		GW		U-0681	Peters Point Unit (WSTC A)	
4300730023	02470	13S 16E 01							
PETERS POINT 5-14			WSTC		GW		U-0684	Peters Point Unit (WSTC A)	
4300730070	02470	13S 17E 05							
LANDSDALE FED 1-11			GRRV		GW				
4304731024	02725	07S 24E 11							
STONE CABIN FED 1-11			WSTC		GW		U-15254		
4300730014	06046	12S 14E 11							
STOBIN FED 21-22			MVRD		GW		U-11604		
4300730041	06122	12S 15E 22							
STONE CABIN FED 2-B-27			WSTC		GW		U-0137844		
4300730018	06123	12S 15E 27							

TOTALS

COMMENTS :

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

Wasatch Oil & Gas Corporation



January 14, 1999

State of Utah
Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, UT. 84114-5801

RE: Stone Cabin #1, Stone Cabin #2B-27, Stone Cabin Unit #1, Stobin Fed. #21-22,
Jacks Canyon #101A, Argyle State #33-36

Dear Gentlemen,

Enclosed in triplicate, please find sundry notices describing change of operator of the above-described wells from McCulliss Resources Company, Inc. to Wasatch Oil & Gas Corporation.

If you should have any questions concerning this matter, please do not hesitate to call me at (801) 451-9200.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Cusick", written in a cursive style.

Todd Cusick
President

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stobin Fed. #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699 (801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1,978' FWL NE/4 NW/4 Section 22-T12S-R15E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

Signed

Title President / McCulliss Resources Co. Inc.

Date 1/13/99

14. I hereby certify that the foregoing is true and correct

Signed

Title President / Wasatch Oil & Gas Corp.

Date 1/13/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699 (801) 451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1,978' FWL NE/4 NW/4 Section 22-T12S-R15E

5. Lease Designation and Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stobin Fed. #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that Wasatch Oil & Gas Corporation has succeeded McCulliss Resources Co., Inc. as operator of the above described well, effective January 13, 1999.

Bum Bond No. 1171128 approved 2/8/99

RECEIVED
MOAB FIELD OFFICE
1999 JAN 19 P 1:58
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

Signed

Title President / McCulliss Resources Co. Inc.

Date

1/13/99

14. I hereby certify that the foregoing is true and correct

Signed

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title President / Wasatch Oil & Gas Corp.

Assistant Field Manager,
Division of Resources

Date

Date

4/13/99

2/17/99

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side

Wasatch Oil and Gas Corporation
Well No. Stobin Federal 21-22
NENW Sec. 22, T. 12 S., R. 15 E.
Lease UTU11604
Carbon County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Wasatch Oil and Gas Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1128 (Principal - Wasatch Oil and Gas Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-011604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Stobin Cabin #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon CO. UT.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Wasatch Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 699, Farmington, UT. 84025-0699 Phone # (801)451-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/4 NW/4 Sec.22-T12S-R15E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

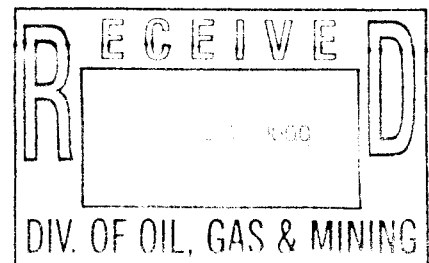
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Return well to production.

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Wasatch Oil & Gas returned the Stobin Cabin Federal #21-22 well to production on May 6, 1999.



14. I hereby certify that the foregoing is true and correct

Signed

Eric N. Noblitt
Eric N. Noblitt

Title Agent

Date 05/27/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ✓

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **07-01-2000**

FROM: (Old Operator):	TO: (New Operator):
WASATCH OIL & GAS CORPORATION	WASATCH OIL & GAS LLC
Address: P O BOX 699	Address: P O BOX 699
FARMINGTON, UT 84025-0699	FARMINGTON, UT 84025-0699
Phone: 1-(801)-451-9200	Phone: 1-(801)-451-9200
Account No. N4520	Account No. N2095

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
STONE CABIN FEDERAL 1-11	11-12S-14E	43-007-30014	6046	FEDERAL	GW	P
STONE CABIN UNIT 1	13-12S-14E	43-007-16542	12052	FEDERAL	GW	P
PRICKLEY PEAR FEDERAL 25-02	25-12S-14E	43-007-30524	99999	FEDERAL	GW	APD
STOBIN FEDERAL 21-22	22-12S-15E	43-007-30041	6122	FEDERAL	GW	P
STONE CABIN FEDERAL 2-B-27	27-12S-15E	43-007-30018	6123	FEDERAL	GW	P
HENZEL FEDERAL 1-29	29-12S-15E	43-007-30470	99999	FEDERAL	GW	APD
SOUTHRIDGE FEDERAL 29-11	29-12S-15E	43-007-30525	99999	FEDERAL	GW	APD
PLATEAU FEDERAL 30-02	30-12S-15E	43-007-30526	99999	FEDERAL	GW	APD
SOUTHRIDGE FEDERAL 30-15	30-12S-15E	43-007-30527	99999	FEDERAL	GW	APD
CLAYBANK SPRINGS 33-1A	33-12S-15E	43-007-15016	12886	FEDERAL	GW	S
JACK CANYON 101-A	33-12S-16E	43-007-30049	2455	FEDERAL	GW	P
BURRUSS FEDERAL 1-10	10-12S-17E	43-007-30394	99999	FEDERAL	GW	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/25/2002
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/25/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 05/21/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 4768455-0160
5. If **NO**, the operator was contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: N/A

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 05/21/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 05/21/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number:

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UIB0007998

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:



April 24, 2002

Mr. Jim Thompson
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Transfer Title to Wasatch Oil & Gas, LLC.

Dear Mr. Thompson:

Enclosed please find an Assignment and Bill of Sale from Wasatch Oil & Gas Corporation to Wasatch Oil & Gas, LLC, effective July 1, 2000.

Please do not hesitate to contact me at (435) 647-9712 regarding this transfer.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Heggie Wilson", with a long horizontal line extending to the right.

R. Heggie Wilson
Agent

RECEIVED

APR 25 2002

DIVISION OF
OIL, GAS AND MINING

ASSIGNMENT AND BILL OF SALE

E 082716 B 465 P 1
Date 27-NOV-2000 11:35am
Fee: 141.00 Check
SHARON MURDOCK, Recorder
Filed By JB
For WASATCH OIL & GAS
CARBON COUNTY CORPORATION

FOR AND CONSIDERATION OF Ten and No/100 Dollars (\$10.00) and other good and valuable considerations, in hand paid to Wasatch Oil & Gas Corporation, ("ASSIGNOR"), by WASATCH OIL & GAS LLC, P.O. Box 699, Farmington, Utah, 84025-0699, ("ASSIGNEE") the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign and transfer unto Assignee all of the Assignor's right, title and interest in and to the following properties situated in Duchesne and Carbon Counties, Utah (hereinafter called the "Interest"):

- (a) The oil, gas and other mineral leasehold interests described in Exhibit "A" attached hereto and made a part hereof, insofar as such cover and affect the lands described in Exhibit "A", (hereinafter called the "Leases") together with Assignor's interest in any pooled, communitized, or unitized acreage derived by virtue of Assignor's ownership of the leases;
- (b) The wells described on Exhibit "A", equipment and facilities located on the Leases and used in the operation of the Leases, including, but not limited to pumps, well equipment (surface and subsurface), saltwater disposal wells, water wells, lines and facilities, compressors, compressor stations, dehydration facilities, treating facilities, pipeline gathering lines, flow lines, transportation lines (including long lines and laterals), valves, meters, separators, tanks, tank batteries and other fixtures but expressly excluding tools, vehicles, or other rolling stock, communication equipment, leased equipment, computer and software;
- (c) Oil, condensate, natural gas, and natural gas liquids produced after the Effective Date of this Assignment and Bill of Sale, including "line fill" attributable to the Interest;
- (d) To the extent transferable, all contracts and agreements concerning the Interest, including, but not limited to, unit agreements, pooling agreements, areas of mutual interest, farmout agreements, farmin agreements, saltwater disposal agreements, water injection agreements, road use agreements, operating agreements, gas transportation and processing agreements, and gas balancing agreements (excluding any spot sales contracts, storage or warehouse agreements, supplier contracts, insurance contracts, and construction agreements);
- (e) To the extent transferable, all surface use agreements, right-of-way, licenses, authorizations, permits, and similar rights and interests applicable to, or used or useful in connection with, any or all of the Interest;
- (f) To the extent transferable, all files and records of Assignor relating to the Interests including land, well, lease, geological, geophysical and accounting files and records;
- (g) All rights of Assignor to reassignments of interests in the Leases.

RECEIVED
APR 25 2002
DIVISION OF
OIL, GAS AND MINING

Assignor and Assignee, in consideration of the mutual benefits to be derived hereunder and, by their acceptance hereof, signify their understanding and agreement to the following terms and conditions:

1. Assignee hereby agrees that it has inspected the Lease(s), well(s), personal property and equipment assigned and conveyed herein and that it accepts the same in its present

condition. Assignee agrees to assume all responsibility for said well(s), the casing, leasehold equipment, plugging requirements or exceptions thereto, including bonding requirements, in and on said well(s), and all other personal property used on or in connection therewith, from and after the Effective Date of this Assignment and Bill of Sale. Assignee agrees to protect, defend, indemnify and hold Assignor and its employees free and harmless from and against any and all costs, expenses, claims, demands and causes of action of every kind and character arising out of, incident to, or in connection with Assignee's ownership of the above described lease(s), lands, well(s), casing, leasehold equipment and other personal property, or Assignee's or other parties' operations on said lease(s) and said lands, from and after the Effective Date of this Assignment and Bill of Sale.

2. All claims, liabilities and causes of action, including those of an environmental nature, of whatever source or cause which arise out of Assignor's ownership of the Interest prior to the Effective Date, regardless of when actually instituted, shall be borne by Assignor by Assignor, and Assignor agrees to save, protect, indemnify and hold harmless for any liability associated with its ownership thereof. All claims, liabilities and causes of action of whatever source or cause which arise out of ownership of the Interest after the Effective Date, shall be borne by, and Assignee agrees to save, protect, indemnify and hold Assignor harmless therefrom.
3. Assignee hereby assumes all obligations and duties imposed upon Assignor pursuant to the terms of the lease(s), contracts, agreements, licenses, easements and right-of-ways to which Assignor's interest is subject, but only insofar as they pertain to the interest hereby assigned and transferred.

TO HAVE AND TO HOLD the Interest unto the Assignee and its successors and assigns forever.

Executed this 27th day of October, but effective July 1, 2000.

ASSIGNOR
Wasatch Oil & Gas Corporation

By: Todd Cusick
Todd Cusick, President

ASSIGNEE
Wasatch Oil & Gas LLC

By: Todd Cusick
Todd Cusick, President

ACKNOWLEDGEMENT

STATE OF UTAH }
 }
COUNTY OF DAVIS }

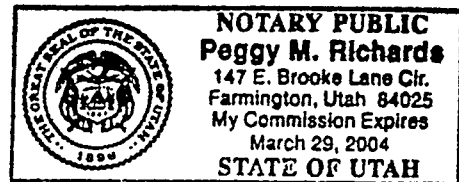
The foregoing instrument as acknowledged before me on this 27th day
of October, 2000, by Todd Cusick as President of Wasatch Oil & Gas Corporation. on behalf
of said Corporation.

WITNESS my hand and official seal.

My Commission Expires:

3/29/04

Peggy M. Richards
Notary Public



STATE OF UTAH }
 }
COUNTY OF DAVIS }

The foregoing instrument as acknowledged before me on this 27th day
of October, ~~1999~~, by Todd Cusick as President of Wasatch Oil & Gas LLC on behalf of said
Company. 2000

WITNESS my hand and official seal.

My Commission Expires:

3/29/04

Peggy M. Richards
Notary Public

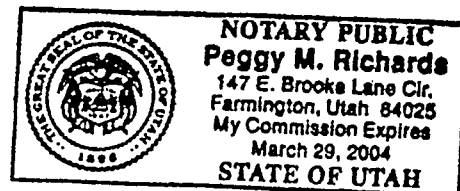


EXHIBIT "A"
LEASES

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
SL-069551	<u>Township 12 South, Range 16 East</u> Section 33: All Containing 640.00 Acres Lease Date: 11-1-50 (HBP)	Carbon
SL-071595	<u>Township 12 South, Range 16 East</u> Section 34: S/2 Section 35: Lots 1-4, E/2W/2 Containing 620.27 Acres Lease Date: 2-1-51 (HBU)	Carbon
U-0681	<u>Township 12 South, Range 16 East</u> Section 25: S/2 Section 26: Lots 6, 7, E/2SW/4, SE/4 Section 35: E/2 Section 36: S/2 <u>Township 13 South, Range 16 East</u> Section 1: All Containing 1598.62 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0683	<u>Township 13 South, Range 16 East</u> Section 13: All Section 23: E/2 Containing 960.0 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0684	<u>Township 13 South, Range 17 East</u> Section 5: All Section 9: W/2 Containing 639.32 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0685	<u>Township 13 South, Range 17 East</u> Section 7: All Section 17: N/2 Containing 943.42 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0719	<u>Township 13 South, Range 16 East</u> Section 12: All Section 14: E/2 Containing 960.00 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0725	<u>Township 13 South, Range 17 East</u> Section 8: All Section 18: Lots 1, 2, NE/4, E/2NW/4 Containing 951.79 Acres Lease Date: 3-1-51 (HBU)	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
U-0737	<u>Township 12 South, Range 17 East</u> Section 31: S/2 Containing 312.50 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0741	<u>Township 13 South, Range 16 East</u> Section 24: All Containing 640.00 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0744	<u>Township 13 South, Range 17 East</u> Section 4: W/2 Section 6: All Containing 480.51 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-01519-B	<u>Township 12 South, Range 15 East</u> Section 9: NE/4, E/2NW/4, SW/4NW/4 Section 10: S/2 Section 11: S/2 Section 13: N/2 Section 14: NE/4 Containing 1400.00 Acres Lease Date: 6-1-51 (HBU)	Carbon
U-03333	<u>Township 12 South, Range 17 East</u> Section 30: SW/4 Section 31: N/2 Section 32: S/2 Containing 784.50 Acres Lease Date: 1-1-52 (HBU)	Carbon
U-04049	<u>Township 12 South, Range 16 East</u> Section 36: NW/4, W/2NE/4, SE/4NE/4 Containing 280 Acres Lease Date: 5-1-51 (HBU)	Carbon
U-04049-A	<u>Township 12 South, Range 16 East</u> Section 36: NE/4NE/4 Containing 40.00 Acres Lease Date: 5-1-51 (HBU)	Carbon
U-08107	<u>Township 12 South, Range 16 East</u> Section 27: S/2 Section 34: N/2 Containing 640.00 Acres Lease Date: 11-1-50 (HBU)	Carbon
U-013064	<u>Township 12 South, Range 15 East</u> Section 11: W/2NE/4, NW/4 Containing 240.00 Acres Lease Date: 8-1-54 (HBU)	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
U-0137844	<u>Township 12 South, Range 15 East</u> Section 27: N/2, SE/4 Containing 480.00 Acres Lease Date: 4-1-64 (HBU)	Carbon
U-11604	<u>Township 12 South, Range 15 East</u> Section 22: All Section 23: All Section 35: N/2, SE/4 Containing 1760.00 Acres Lease Date: 5-1-79 (HBP)	Carbon
U-15254	<u>Township 12 South, Range 14 East</u> Section 11: W/2, W/2E/2, SE/4NE/4, E/2SE/4 Containing 600.00 Acres Lease Date: 8-1-71 (HBP)	Carbon
U-73006	<u>Township 12 South, Range 15 East</u> Section 7: All Section 8: All Section 9: S/2, NW/4NW/4 Section 10: NW/4 Section 17: E/2 Containing 2054.68 Acres Lease Date: 4-1-94, Exp. 3-31-04	Carbon
ML-21020	<u>Township 11 South, Range 14 East</u> Section 36: Lots 1-4, N/2SE/4, NE/4, N/2NW/4, SE/4NW/4 Containing 520.76 Acres Lease Date: 1-1-64 (HBU)	Duchesne
Freed Investment Bk187/P345	<u>Township 11 South, Range 14 East</u> Section 35: S/2NW, SW/4NE/4, NW/4SW/4 Section 36: NW/4SW/4	Duchesne
BK 152/P396	<u>Township 12 South, Range 14 East</u> Section 13: NE/SW/4 Section 24: SE/4NE/4 <u>Township 12 South, Range 15 East</u> Section 19: Lot 2 Lease Date: 3-21-79 (HBU)	Carbon
UTU-78431	<u>Township 11 South, Range 14 East, SLM</u> Section 33: NW/4, N/2SW/4, SE/4SW/4 Containing 280.0 acres Lease Date: 7-1-99, Exp. 6-30-09	Duchesne
UTU-79004	<u>Township 11 South, Range 15 East, SLM</u> Section 3: SW/4 Containing 160.0 acres Lease Date: 8-1-00, Exp. 7-31-10	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
Hunt Oil Company BK M292/P757	<u>Township 11 South, Range 15 East, SLM</u> Section 31: Lot 3, E/2SW/4, S2/SE Section 32: S/2SE4, NESE, S/2SW Section 33: SW/4, S/2SE/4 Containing 635.48 acres Lease Date: 4-26-00, Exp. 4-26-03 (2 year option to extend)	Duchesne
UTU-77513 (SEGO)	<u>Township 12 South, Range 14 East, SLM</u> Section 23: N/2 Section 24: SW/4NE/4, S/2NW/4, SW/4, NW/4SE/4 Containing 640.0 acres Lease Date: 10-1-98, Exp. 9-31-08	Carbon
ML-48381	<u>Township 11 South, Range 14 East, SLM</u> Section 33: SW/4SW/4 Containing 40.0 acres Lease Date: 1-26-00, Exp. 1-31-10	Duchesne
ML-48385	<u>Township 13 South, Range 15 East, SLM</u> Section 2: Lots 1-4, S/2S/2 (All) Containing 313.52 Lease Date: 1-26-00, Exp. 1-31-10	Carbon
UTU-73665 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 10: E/2 Section 12: NW/4SW/4, S/2S/2 Section 13: NW/4, NW/4SW/4, N/2SE/4 Section 14: N/2NE/4, SE/4NE/4, NE/4NW/4 Containing 960.0 acres Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-74386 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 10: W/2 Section 11: NE/4NE/4 Section 12: N/2, NE/4SW/4, N/2SE/4 Section 13: S/2S/2 Section 14: SW/4NE/4, W/2NW/4, SE/4NW/4, S/2 Section 15: N/2, N/2SW/4, SE/4 Containing 2,000.0 acres Lease Date: 7-1-95, Exp. 6-30-05	Carbon
UTU-77060 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 23: SE/4 Containing 160.0 Lease Date: 4-1-98, Exp. 3-31-08	Carbon
UTU-73668 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 17: W/2 Section 18: All Containing 899.77 Lease Date: 1-1-95, Exp. 12-31-04	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-73670 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 21: All Section 27: SW/4 Section 28: ALL Containing 1,440.0 Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-73671 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 33: All Section 34: All Section 35: SW/4 Containing 1,440.0 Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-73896 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 24: All Section 25: All Section 26: All Containing 1,920.0 Lease Date: 4-1-95, Exp. 3-31-05	Carbon
UTU-74388 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 13: S/2 Containing 320.0 Lease Date: 7-1-95, Exp. 6-30-05	Carbon
UTU- 65319 (Mission)	<u>Township 11 South, Range 15 East, SLM</u> Section 34: W/2 Containing 320.0 gross/ 160.0 net acres Lease Date: 5-1-89 In Suspension 3-1-99	Duchesne
UTU-65767 (Mission)	<u>Township 11 South, Range 14 East, SLM</u> Section 20: All Section 21: W/2 Section 28: W/2 Section 29: All Containing 1920.0 gross/ 960.0 net acres Lease Date: 8-1-89 In Suspension 3-1-99	Duchesne
UTU-65773 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 14: S/2 Section 15: W/2, SE/4 Containing 800.0 gross/ 400.0 net acres Lease Date: 8-1-89 In Suspension 3-1-99	Carbon
UTU-65776 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 29: NE/4 Section 30: E/2 Containing 480.0 gross/ 240.0 net acres Lease Date: 8-1-89 In Suspension 3-1-89	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-72054 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 29: W/2, SE/4 Section 30: Lots 1-4, E/W/2 Section 31: Lots 1, 2, NE/4, E/2NW/4 Containing 1048.66 gross/ net acres Lease Date: 7-1-93, Exp. 6-30-03	Carbon
UTU-77059 (Mission)	<u>Township 12 South, Range 14 East, SLM</u> Section 17: All Section 20: N/2NE/4, SE/NE/4, NW/4 Section 25: N/2, SE/4 Containing 1400.0 gross/ net acres Lease Date: 4-1-98, Exp. 3-31-00	Carbon
ML-46708 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 16: All Containing 640.0 gross/ net acres Lease Date: 11-1-94, Exp. 10-31-04	Carbon
ML-46710 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 36: All Containing 640.0 gross/ net acres Lease Date: 11-1-94, Exp. 10-31-04	Carbon
ML-43798 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 32: S/2NE/4 Containing 80.0 gross/ net acres Lease Date: 4-1-88, (HBU Jack Canyon)	Carbon
ML-43541-A (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 32: SW/4, E/2SE/4, SW/4SE/4, NW/4 N/2NE/4 Containing 520 acres Lease Date: 10-1-87, (HBU Jack Canyon)	Carbon
ML-43541	<u>Township 12 South, Range 16 East, SLM</u> Section 32: NW/4SE/4 Operating Rights Blow 3,398 Containing 40.0 gross/ net acres Lease Date: 10-1-87, (HBU Jack Canyon)	Carbon
UTU-65486 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 18: SE/4 Section 19: All Section 20: All Section 21: N/2, NW/4SW/4, SE/4 Containing 1,995.22 gross/ net acres Lease Date: 1-1-00, (HBU) In Suspension 3-1-99	Carbon
UTU-62890 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 15: SW/4 Containing 160.0 gross/ net acres Lease Date: 2-1-88, (HBU Jack Canyon Unit)	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-60470 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 31: Lots 3, 4, SE/4, E/2SW/4 Containing 318.18 gross/ net acres Lease Date: 4-1-88, (HBU Jack Canyon)	Carbon
UTU-69463 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 30: Lots 3, 4, E/2SW/4 Containing 157.96 gross/ net acres Lease Date: 4-1-92, (HBU Jack Canyon)	Carbon
UTU-66801 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 17: SW/4SW/4 Section 18: Lots 3, 4, E/2SW/4 Section 21: NE/4SW/4, S/2SW/4 Containing 317.64 gross/ net acres Lease Date 5-1-90, (HBU Jack Canyon)	Carbon
UTU-62645 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 3: Lots 1-3, SE, E/2SW/4 Section 10: E/2, E/2W/2 Section 11: All Section 15: W/2E/2, W/2 Section 17: S/S/2 Section 18: Lot 4, SE/4SW/4, S/2SE/4 Section 22: N/2N/2 Containing 2,433.37 gross/ net acres Lease Date: 12-1-87 Suspension Requested 5-26-00	Carbon
UTU-65783 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 20: N/2, N/2SW/4, SE/4 Section 21: N/2SE/4 Section 22: S/2NW/4, NW/4SW/4 Containing 760 gross/ 380 net acres Lease Date: 8-1-89 In Suspension	Carbon
UTU-65782 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 3: Lot 4, W/2SW/4 Section 4: Lots 1, 2, SE/4 Section 8: E/2, E/2W/2 Section 9: N/2 Section 10: W/2W/2 Containing 1,317.72 gross/ 658.86 net acres Lease Date: 8-1-89 In Suspension	Carbon

WELLS

		Legal Description
		<u>Located in Carbon County, Utah:</u>
<u>Wells</u>		
1. Stone Cabin #1-11		Township 12 South, Range 14 East, Section 11: SW/4SE/4
2. Government Pickrell		Township 12 South, Range 15 East, Section 11: SE/4NW/4
3. Stone Cabin Unit #1		Township 12 South, Range 14 East, Section 13: SW/4NE/4
4. Stobin Federal #21-22		Township 12 South, Range 15 East, Section 22: NE/4NW/4
5. Stone Cabin #2-B-27		Township 12 South, Range 15 East, Section 27: SE/4NW/4
6. Claybank Springs #33-1A		Township 12 South, Range 15 East, Section 33: SW/4NW/4
7. Jack Canyon #101A		Township 12 South, Range 16 East, Section 33: SW/4SE/4
8. Peters Point #2		Township 12 South, Range 16 East, Section 36: NE/4SW/4
9. Peters Point #9		Township 13 South, Range 16 East, Section 1: SE/4NE/4
10. Peters Point #14-9		Township 13 South, Range 16 East, Section 14: NE/4SE/4
11. Peters Point #4		Township 13 South, Range 16 East, Section 24: NW/4NW/4
12. Peters Point #5-14		Township 13 South, Range 17 East, Section 5: SE/4SW/4
13. Peters Point #1		Township 13 South, Range 17 East, Section 6: SW/4SW/4
14. Peters Point #3		Township 13 South, Range 17 East, Section 8: SW/4SE/4
		<u>Located in Duchesne County, Utah:</u>
15. PTS #33-36 State		Township 11 South, Range 14 East, Section 36: NW/4SE/4

3. FILE

Designation of Agent

Merger

The operator of the well(s) listed below has changed, effective:		04-01-2002
FROM: (Old Operator):		TO: (New Operator):
WASATCH OIL & GAS LLC		BILL BARRETT CORPORATION
Address: P O BOX 699		Address: 1099 18TH STREET STE 2300
FARMINGTON, UT 84025-0699		DENVER, CO 80202
Phone: 1-(801)-451-9200		Phone: 1-(303)-293-9100
Account No. N2095		Account No. N2165

Unit:

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/24/2002
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/06/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 05/28/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 5113947-0143
5. If **NO**, the operator was contacted contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: 05/21/2002

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 05/21/2002

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 06/10/2002
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/10/2002
- Bond information entered in RBDMS on: N/A
- Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

- State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 1262

INDIAN WELL(S) BOND VERIFICATION:

- Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-11604
2. Name of Operator Bill Barrett Corporation		6. If Indian, Allottee or Tribe Name
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202	3b. Phone No. (include area code) 303 293-9100	7. If Unit or CA/Agreement, Name and/or No. Prickly Pear
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 660' FNL and 1,978' FWL; NE¼NW¼, Section 22: T. 12 S., R. 15E.		8. Well Name and No. Stobin Federal 21-22
		9. API Well No. 43-007-30041
		10. Field and Pool, or Exploratory Area Prickly Pear
		11. County or Parish, State Carbon / Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

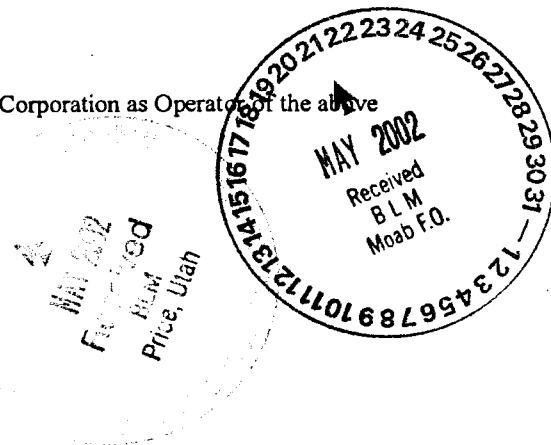
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that Bill Barrett Corporation has succeeded Wasatch Oil & Gas Corporation as Operator of the above described well effective April 1, 2002

Wasatch Oil & Gas Corporation

Todd Cusick
Todd Cusick, President April 30, 2002



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Dominc Bazile		Title Vice President of Operations
Signature <i>Dominc Bazile</i>		Date April 30, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) <i>ACCEPTED</i>	Name (Printed/Typed) Division of Resources Moab Field Office	Title Date MAY 21 2002
--	--	------------------------------

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction.

(Continued on next page)

cc: UDDGEM szl/bz

MAY 31 2002

Conditions of Acceptance Attached

DIVISION OF
OIL, GAS AND MINING

Bill Barrett Corporation
Well No. 21-22
NENW Sec. 22, T. 12 S., R. 15 E.
Lease UTU-11604
Carbon County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Bill Barrett Corporation is considered to be the operator of the above well effective April 1, 2002, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1262 (Principal -Bill Barrett Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED

MAY 31 2002

**DIVISION OF
OIL, GAS AND MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Bill Barrett Corporation

3a. Address

1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)

303 293-9100

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

660' FNL and 1,978' FWL; NE¼NW¼, Section 22: T. 12 S., R. 15E.

5. Lease Serial No.

U-11604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Prickly Pear

8. Well Name and No.

Stobin Federal 21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

Prickly Pear

11. County or Parish, State

Carbon / Utah


12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that Bill Barrett Corporation has succeeded Wasatch Oil & Gas Corporation as Operator of the above described well effective April 1, 2002

Wasatch Oil & Gas Corporation


Todd Cusick, President April 30, 2002

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Dominc Bazile

Title

Vice President of Operations

Signature



Date

April 30, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name

(Printed/Typed)

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

RECEIVED
BUREAU OF LAND MANAGEMENT
MAY 1 2002

DIVISION OF
OIL, GAS AND MINING

BILL BARRETT CORPORATION

May 1, 2002

State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Attention: Mr. Jim Thompson

RE: Change of Operator
From Wasatch Oil & Gas to Bill Barrett Corporation

Dear Jim,

Enclosed are original Form 9 **Sundry Notices and Reports on Wells**, and copies of **BLM 3160-5** indicating change of operator. The forms have been executed by previous and successor operators.

Also included is a list of wells affected by the change of operator.

Please do not hesitate to contact me if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script, reading "Christine Pickart". The signature is written in black ink and is positioned above the printed name and title.

Christine Pickart
Engineering Technician

Enclosures



May 23, 2002

Mr. Jim Thompson
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

MAY 24 2002

**DIVISION OF
OIL, GAS AND MINING**

Re: Transfer Title to Wasatch Oil & Gas, LLC.

Dear Mr. Thompson:

Pursuant to my April 24, 2002 letter and our recent conversation regarding the wells formally owned by Wasatch Oil & Gas LLC, please allow this letter to clarify that all the interest in the wells and well permits located in Carbon and Duchesne Counties previously owned by either Wasatch Oil & Gas Corporation or Wasatch Oil & Gas, LLC have been transferred to Bill Barrett Corporation effective April 1, 2002.

Effective July 1, 2000, Wasatch Oil & Gas Corporation attempted to transfer all their leasehold interest in State, Federal and Fee lands to Wasatch Oil & Gas, LLC. However, there was some apparent oversight in transferring the wells and units at the same time. Recently we made these transfers close to the same time Bill Barrett Corporation acquired the referenced wells.

Regardless of whether or not Wasatch Corp. or Wasatch LLC was shown as the operator of the wells on April 1, 2002, it is the intent that Bill Barrett Corporation is being transferred ownership.

Please do not hesitate to contact me if you have any further questions regarding this matter.

Sincerely,



R. Hegg Wilson

BILL BARRETT CORPORATION

API Well Number	Well Name	Operator	Well Type	Well Status	Field Name	County Name	Qtr/Qtr	Sec	Twnp		Rng	UT
43-007-10216-00-00	PETERS POINT 1	BILL BARRETT CORPORATION	Gas Well	Shut In	PETER'S POINT	CARBON	NESE	6	13	S	17	E 56
43-007-15016-00-00	CLAYBANK SPRINGS 33-1A	BILL BARRETT CORPORATION	Gas Well	Shut In	DRY CREEK	CARBON	SWNW	33	12	S	15	E 56
43-007-15391-00-00	PETERS POINT 2	BILL BARRETT CORPORATION	Gas Well	Producing Well	PETER'S POINT	CARBON	NESW	36	12	S	16	E 57
43-007-15392-00-00	PETERS POINT 3	BILL BARRETT CORPORATION	Gas Well	Shut In	PETER'S POINT	CARBON	SESW	8	13	S	17	E 56
43-007-15393-00-00	PETERS POINT 4	BILL BARRETT CORPORATION	Gas Well	Producing Well	PETER'S POINT	CARBON	NWNW	24	13	S	16	E 57
43-007-16045-00-00	SHARPLES 1 GOVT PICKRELL	BILL BARRETT CORPORATION	Gas Well	Producing Well	NINE MILE CYN	CARBON	SENW	11	12	S	15	E 56
43-007-16542-00-00	STONE CABIN UNIT 1	BILL BARRETT CORPORATION	Gas Well	Producing Well	STONE CABIN	CARBON	SWNE	13	12	S	14	E 56
43-007-30014-00-00	STONE CABIN FED 1-11	BILL BARRETT CORPORATION	Gas Well	Producing Well	STONE CABIN	CARBON	SWSE	11	12	S	14	E 55
43-007-30018-00-00	STONE CABIN FED 2-B-27	BILL BARRETT CORPORATION	Gas Well	Producing Well	DRY CREEK	CARBON	SENW	27	12	S	15	E 56
43-007-30023-00-00	PETERS POINT 9	BILL BARRETT CORPORATION	Gas Well	Producing Well	PETER'S POINT	CARBON	SENE	1	13	S	16	E 58
43-007-30041-00-00	STOBIN FED 21-22	BILL BARRETT CORPORATION	Gas Well	Producing Well	PRICKLY PEAR	CARBON	NENW	22	12	S	15	E 56
43-007-30049-00-00	JACK CANYON 101-A	BILL BARRETT CORPORATION	Gas Well	Producing Well	PETER'S POINT	CARBON	SWSE	33	12	S	16	E 57
43-007-30069-00-00	PETERS POINT 14-9	BILL BARRETT CORPORATION	Gas Well	Shut In	PETER'S POINT	CARBON	NESE	14	13	S	16	E 57
43-007-30070-00-00	PETERS POINT 5-14	BILL BARRETT CORPORATION	Gas Well	Shut In	PETER'S POINT	CARBON	SENW	5	13	S	17	E 58
43-007-30394-00-00	BURRUSS FED 1-10	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	NESW	10	12	S	17	E 58
43-007-30460-00-00	STATE 2-32	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	PETER'S POINT	CARBON	SENE	32	12	S	16	E 57
43-007-30470-00-00	HENZEL FED 1-29	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	NWNE	29	12	S	15	E 56
43-007-30522-00-00	UPPER CABIN ST 16-15	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	SWSE	16	12	S	15	E 56
43-007-30524-00-00	PRICKLY PEAR FED 25-02	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	NWNE	25	12	S	14	E 56
43-007-30525-00-00	SOUTH RIDGE FED 29-11	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	NESW	29	12	S	15	E 56
43-007-30526-00-00	PLATEAU FED 30-02	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	NWNE	30	12	S	15	E 56
43-007-30527-00-00	SOUTH RIDGE FED 30-15	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	SWSE	30	12	S	15	E 56
43-007-30528-00-00	FLAT TOP ST 36-06	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	WILDCAT	CARBON	SENW	36	12	S	15	E 56
43-007-30709-00-00	PETERS POINT 3A	BILL BARRETT CORPORATION	Gas Well	Spudded (Drilling commenced; Not yet completed)	PETER'S POINT	CARBON	SESW	8	13	S	17	E 58
43-007-30761-00-00	PETERS POINT 36-2	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	PETER'S POINT	CARBON	NWNW	36	12	S	16	E 57
43-007-30762-00-00	PETERS POINT 36-3	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	PETER'S POINT	CARBON	SESW	36	12	S	16	E 57
43-007-30763-00-00	PETERS POINT 36-4	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	PETER'S POINT	CARBON	SESE	36	12	S	16	E 58
43-007-30775-00-00	HUNT RANCH 3-4	BILL BARRETT CORPORATION	Gas Well	Producing Well	NINE MILE CYN	CARBON	SESE	3	12	S	15	E 56
43-007-30780-00-00	HUNT RANCH 3-2	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	UNDESIGNATED	CARBON	NWNW	3	12	S	15	E 56
43-007-30823-00-00	PRICKLY PEAR 10-4	BILL BARRETT CORPORATION	Gas Well	New Permit (Not yet approved or drilled)	STONE CABIN	CARBON	SESE	10	12	S	14	E 55
43-007-30824-00-00	PRICKLY PEAR 1215-11-2	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	NINE MILE CYN	CARBON	SENW	11	12	S	15	E 56
43-007-30825-00-00	PRICKLY PEAR 13-4	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	STONE CABIN	CARBON	C-SE	13	12	S	14	E 56
43-007-30826-00-00	JACKS CANYON 18-3	BILL BARRETT CORPORATION	Gas Well	New Permit (Not yet approved or drilled)	UNDESIGNATED	CARBON	C-SW	18	12	S	16	E 57
43-007-30827-00-00	JACKS CANYON 19-2	BILL BARRETT CORPORATION	Gas Well	New Permit (Not yet approved or drilled)	UNDESIGNATED	CARBON	SENW	19	12	S	16	E 57
43-007-30828-00-00	PRICKLY PEAR 21-2	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	UNDESIGNATED	CARBON	SWNW	21	12	S	15	E 56
43-007-30829-00-00	PRICKLY PEAR 27-3	BILL BARRETT CORPORATION	Gas Well	Approved permit (APD); not yet spudded	DRY CREEK	CARBON	NWSW	27	12	S	15	E 56
43-013-30486-00-00	PTS 33-36 STATE	BILL BARRETT CORPORATION	Gas Well	Producing Well	STONE CABIN	DUCHESNE	NWSE	36	11	S	14	E 56
43-037-30401-00-00	PEOPLES #20	BILL BARRETT CORPORATION	Water Disposal	Active Well	LITTLE VALLEY	SAN JUAN	NENE	20	30	S	25	E 55

Call for Annual Waste Management Plans for Calendar Year 2002 – Response Form

In accordance with Rule R649-9-2.4 of the Utah Oil and Gas Conservation General Rules, the Utah Division of Oil, Gas and Mining requests that all oil and gas operators, who are active in Utah, inform the Division of their waste management plans for their Utah operations by returning this Response Form and, if a waste stream is anticipated during calendar year 2002, attaching an Annual Waste Management Plan.

Operator Name: Bill Barrett Corporation
Name and Title of Company Representative: Dominic J. Bazile II, Vice President, Operations
Date: May 15, 2002 Phone Number: 303 -293-9100

Three waste stream outcomes are defined below. Please select the one that fits your operational circumstances by placing an "X" on the underlined spaces in front of the selection:

1. No Exploration and Production (E&P) wastes of any kind are anticipated and an amended Waste Management Plan will be filed when and if E&P wastes are generated.
2. An E&P waste stream is probable but it is unlikely to include any produced water. We will file an amended Waste Management Plan when and if our operations generate any produced water. Attached please find our Annual Waste Management Plan (providing the information specified in Rule R649-9-2.4).
3. X Our E&P waste stream is likely to include produced water. We will probably dispose of our produced water in the approximate percentage(s) specified, using the disposition strategy(ies) selected, below:

100 % by Permitted Class II Water Disposal well(s).
 % by Permitted Class II Injection well(s) in a waterflood project.
 % by Permitted Commercial Evaporative Pit(s).
 % by Permitted Private, Non-commercial Evaporative Pit(s).
 % by Onsite (Surface) Pit(s).
 % by operations utilizing produced water for drilling, completion and workover activities.
 % by Permitted UPDES surface discharge
 % by Out of State Transfer to (specify in Annual Waste Management Plan).
 % by Other Means (specify in Annual Waste Management Plan).
100 % Total

and have attached the Annual Waste Management Plan to provide the information specified in Rule R649-9-2.4.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)
303-312-8168

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**660' FNL, 1978 FWL, NE NW
Sec. 22-T12S-R15E**

5. Lease Serial No.

UT10066

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Stobin Federal #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area
NINE MILE CANYON

11. County or Parish, State

Carbon, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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This sundry is being submitted to request permission to add new perforations in the Middle Wasatch and North Horn formations as indicated on the enclosed recompleation procedure and wellbore diagram. BBC would also request to disturb the reclaimed ground, only if necessary, to create a flare pit to be used during activities.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date:

By:

Federal Approval Of This
Action Is Necessary

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Matt Barber

Title **Contract Permit Analyst**

Signature

Matt Barber

Date

06/12/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on page 2)

RECEIVED
JUL 12 2005
DIV. OF OIL, GAS & MINING

Stobin Federal # 21-22
(660' FNL & 1978' FWL) Sec 22-T12S-R15E
Carbon Co., UT

Recompletion Procedure

Current Well Status: Producing 225 Mcfd.

Objective: Recomplete one U. Price River interval from 6,745-6,755' and three North Horn intervals from 5,705-6,515' OA. Downhole commingle with existing Price River from 6,818-6,936' OA.

Procedure:

- 1) MIRU service unit. Top kill and NDWH. NU BOP's and TOO H w/ 220 joints of 2-3/8" tubing.
- 2) ND BOP's and NU frac tree
- 3) RU Mesa Wireline and run CBL from PBDT to 4,200'. Original CBL run in 1978 has 1200' of data missing from 4,800-6,000'.
- 4) Set 4-1/2" CBP @ 6,780'.
- 5) RIH w/ 3-1/8" casing gun and perforate U. Price River from 6,745-6,755' w/ 3 jspf, 120 deg phasing.
- 6) Frac stage 2 U. Price River per HES rec. Note: Starting frac stage numbering sequence based upon initial single frac stage performed during original completion in 1978. Flow test to clean up.
- 7) Set 4-1/2" CFP @ (to be determined after running CBL).
- 8) RIH w/ 3-1/8" casing gun and perforate North Horn from 6,510-6,515' and 6,419-6,424' w/ 3 jspf, 120 deg phasing.
- 9) Frac stg 3 North Horn per HES rec. Flow test to clean up.
- 10) Set 4-1/2" CFP @ (to be determined after running CBL).
- 11) RIH w/ 3-1/8" casing gun and perforate North Horn from 5,916-5,920' and 5,890-5,896' w/ 3 jspf, 120 deg phasing.
- 12) Frac stg 4 North Horn per HES rec. Flow test to clean up.
- 13) Set 4-1/2" CFP @ (to be determined after running CBL).
- 14) RIH w/ 3-1/8" casing gun and perforate North Horn from 5,778-5,784' and 5,705-5,709' w/ 3 jspf, 120 deg phasing.
- 15) Frac stg 5 North Horn per HES rec. Flow test to clean up.
- 16) Set 4-1/2" kill plug @ (to be determined after running CBL).
- 17) ND frac tree and NU BOP's.
- 18) RU foam unit. PU 3-3/4" tri-cone bit on 2-3/8" tubing. Drill out all frac plugs and clean out to PBDT @ 6,953'. TOO H.
- 19) RIH w/ 3-1/8" casing gun and **re-perforate** Price River from 6,928-6,936' and 6,818-6,830' w/ **4 jspf, 90 deg phasing**.
- 20) Top kill as necessary and TIH w/ 2-3/8 tubing to approximately 5,625'.
- 21) Strip off BOP's and NU wellhead.
- 22) Return well to sales and prepare to run production log.

CURRENT SCHEMATIC

Updated: 5/9/2005 rcp

Original

Spud: 08/21/78
TD: 10/02/78
Depth: 7,006' MD Mesaverde
Complete: 12/11/78
Rig:
Elevation: 7,195' GR 7,211' RKB
DIL: 174' 2,311'
DLL: 2,324' 6,992'
CNL/FDC: 2,323' 7,005'
Sonic/GR: 2,323' 6,993'

STOBIN FEDERAL 21-22

State: Utah API: 43007300410000
County: Carbon SFL: NENW 22-12S-15E
Field: 9 Mile FNL: 660 ft
Operator: BBC FWL: 1,978 ft
WI: 100% NRI: 82.5%

Upper Wasatch
Top: 2,794'

Middle Wasatch
Top: 3,740'

Last Sundry from McCandless 06-15-98: Lower tubing from

6,755' to 6,936' - No Report
KB 14.00'
4) Tubing Hanger 0.75' 14.00'
3) 220 jts 2-3/8" 4.7# K-55 8rd 6,919.75' 14.75'
2) 2-3/8" 8rd "XN" 1.10' 6,934.50'
1) 2-3/8" 8rd Notched Collar 0.40' 6,935.60'
End of Tubing 6,936.00' 6,936.00'

Mesaverde
Top: 6,432'

6,818' 6,830' 2 spf 12' 24 shots
6,928' 6,936' 2 spf 8' 16 shots

PBTD: 6,953' MD
TD: 7,006' MD

MW:
BHT:

4 jts 13-3/8" 48# H-40 Conductor @160' GL
M&P 150 sx "G"

12-1/4" Surface Hole

57 jts 9-5/8" 36# K-55 Surface @2,320' KB
M&P 250 sx "RF" + 2% CaCl2

Well Review (08-25-04):

Rotten separator - due to receive 36-02's separator as a replacement. No controller - percolates to PL.

North Horn
Set CFP @ TBD'
5,705-5,709' Frac stg 5
5,778-5,784' 3 jsfp, 120 deg phasing

North Horn
Set CFP @ TBD'
5,890-5,896' Frac stg 4
5,916-5,920' 3 jsfp, 120 deg phasing

North Horn
Set CFP @ 6,550'
6,419-6,424' Frac stg 3
6,510-6,515' 3 jsfp, 120 deg phasing

U. Price River
Set CBP @ 6,780'
6,745-6,755' Frac stg 2
3 jsfp, 120 deg phasing

Proposed July, 2005
recompletion, 4 stages
Re-run CBL prior to
start of recompletion

Date	Fluid	Proppant	Average Rate	Treatment	ISIP	Comments
11/10/78	74,000 gals	30 K 100M	100 K 20/40	10.0 bpm	4,600 psi	3,100 psi
Treat down 2-3/8" K-55. Max pressure: 5,000 psi. Job screened out in final 4ppg stage. Surged well and flushed.						

7-7/8" Production Hole to 7,006' MD/TVD
201 jts 4-1/2" 11 6# K-55 @7,000' KB
Stage 1: 375 sx "RF"
Stage 2: 175 sx "RF" (Stage collar @4,753' KB)



Bill Barrett Corporation

STOBIN FEDERAL 21-22

State: Utah API: 43007300410000
County: Carbon SFL: NENW 22-12S-15E
Field: 9 Mile FNL: 660 ft
Operator: BBC FWL: 1,978 ft
WI: 100% NRI: 82.5%

Recent Production History

Month	Oil Prod	Oil Sales	Gas Prod	Gas Sales	Water	Days
Feb-05	0	0	6,546	6,244	0	28
Jan-05	0	0	8,095	7,729	222	31
Dec-04	0	0	8,188	7,782	22	1
Nov-04	0	0	7,578	7,260	2	29
Oct-04	0	0	7,629	7,338	57	30
Sep-04	0	0	7,345	7,012	43	30
Aug-04	0	0	8,354	7,960	0	31
Jul-04	0	0	8,212	7,776	0	31
Jun-04	0	0	7,615	7,615	0	30
May-04	0	0	7,635	7,635	39	29
Apr-04	0	0	8,257	8,257	144	29
Mar-04	0	0	7,475	7,158	0	31
Feb-04	0	0	7,438	7,073	0	26
Jan-04	0	0	0	0	0	0
Dec-03	0	0	0	0	0	0
Nov-03	0	0	0	0	0	0
Oct-03	0	0	0	0	0	0
Total	0	0	100,367	96,839	528	386
Average			260	251	1	

**Bill Barrett Corporation****FAX TRANSMITTAL**

DATE: 7/21/05

TO: Name: Dustin Doucet, Petroleum Engineer
Company: DOGM
Phone: (801) 538-5340
Fax: (801) 359-3940

FROM: Name: Matt Barber
Phone: _____
Fax (if other than fax listed below): _____

NUMBER OF PAGES (including cover sheet) 9

* Stobin 21-22:
MESSAGE: Record Title Interest
Lease for Oil & Gas
Stobin Unit Area Topo

Dustin,
Please let me know if you need anything else.
Thank you, Matt

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone. Thank you.

RECEIVED

JUL 21 2005

1099 18TH STREET, SUITE 2300

DENVER CO 80202

MAIN: (303) 293-9100

FAX: (303) 291-0420

Part A (Continued): ADDITIONAL SPACE for _____ and addresses of additional assignees in Item No. 1, _____ ded, or for Land Description in Item No. 2, if needed.

STATE OF UTAH)

: ss

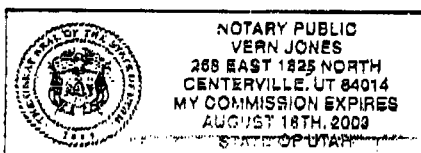
COUNTY OF Davis)

Mineral Adjudication
Chief Branch of

On the 30th day of April, 2002 personally appeared before me
Todd Cusick, as President of Wasatch Oil & Gas LLC, signer of this instrument,
who duly acknowledged to me that he executed the same.

Given under my hand and seal this 30th day of April, 2002.

My Commission Expires: 8-18-2003



Vern Jones
NOTARY PUBLIC, residing at: Centerville, UT

ORIGINAL PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The Assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 30th day of April, XX 2002

Effective April 1, 2002

Name of Assignor as shown on current lease Wasatch Oil & Gas LLC

Please type or print

Assignor

or Todd Cusick

(Signature)

President

Attorney-in-fact

(Signature)

P.O. Box 699

(Assignor's Address)

Farmington, UT 84025-0699

(City)

(State)

(Zip Code)

Executed this 30th day of April, XX 2002

Bill Barrett Corporation

Assignee

or William J. Barrett

(Signature)

Barrett CEO

Attorney-in-fact

(Signature)

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0034), Washington, D.C. 20503.

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 1000-3
(January 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
**ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES**

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

FORM APPROVED
OMB NO. 1004-0034
Expires: December 31, 2001

Lease Serial No.
See Attached Exhibit

Lease Effective Date
(Anniversary Date)

See Attached Exhibit
New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

Assignee* Bill Barrett Corporation
Street 1099 18th Street #2300
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production of other similar interests or payments

2. This assignment conveys the following interest:

Land Description Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.	Percent of Interest			Percent of Overriding Royalty Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
See Attached Exhibit "A"	See Attach Exhibit "A"	See Attached Exhibit "A"	None	None	Of Record

ORIGINAL FILED IN

WTSL-069551

FOR BLM USE ONLY - DO NOT WRITE BELOW THIS LINE
UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

☐ Assignment approved for above described lands;

☒ Assignment approved for attached land description

Assignment approved effective JUN 01 2002

☐ Assignment approved for land description indicated on reverse of this form.

By Dorlinda L. Smith
(Authorized Officer)

Acting Chief, Branch of Minerals Adjudication
(Title)

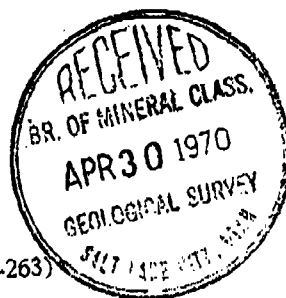
MAY 31 2002
(Date)

(Continued on reverse)

RECEIVED

JUL 21 2005

DIVISION OF LAND MANAGEMENT

Form 3120-19
(May 1968)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTLEASE FOR OIL AND GAS
(Sec. 17 Noncompetitive Public Domain Lease)
Act of February 25, 1920 (41 Stat. 437), as amended (30 U.S.C. 181-263)Name
Street
City
State
Zip CodeVirginia G. Stouffer
211 West 9th St.
Cheyenne, Wyoming 82001

U-11604

(Serial Number)

Entry No. 128767

Indexed ☒ ☒Abstracted ☒

Rec. Fee 2.50

STATE OF UTAH
COUNTY OF CARBON } SS
FILED AND RECORDED FORChorney Oil, Co.
AUG 13 9 08 AM '73

BOOK 141 OF Records

PAGE 110

ARL O'BRIEN
COUNTY RECORDER

This oil and gas lease is issued for a period of ten (10) years to the above-named lessee pursuant and subject to the provisions of the Mineral Leasing Act and subject to all rules and regulations of the Secretary of the Interior now or hereafter in force, when not inconsistent with any express and specific provisions herein, which are made a part hereof.

Lands included in the lease:

State:

Utah

County:

Carbon

T. 12 S., R. 15 E., S1M
Secs. 22, 23, all;
Sec. 35, N½, SE¼.

Lands in lease were not
within a known geologic
structure on date of
lease issuance.

Acting

B.R. Alto
District Geologist
For the Director
U. S. Geological Survey

This lease is subject to the determination by the Geological Survey as to whether the lands herein described were or were not within a known geologic structure of a reservoir of oil or gas, held in the name of Mineral Order by the authorized officer.

Containing a total of	1,760	acres	Annual Rental	\$ 880.00
-----------------------	-------	-------	---------------	-----------

This lease is issued to the successful drawee pursuant to his "Simultaneous Oil and Gas Entry Card" application filed under 43 CFR 3123.9, and is subject to the provisions of that application and those specified on the reverse side hereof.

Effective date of lease: MAY 1 1970

THE UNITED STATES OF AMERICA

F. D. Kirk
(Signature of Signing Officer)

Chief, Adjudication Branch
(Title)

APR 30 1970

(Date)

SEE INSTRUCTIONS
ON REVERSENONCOMPETITIVE OFFER TO
LEASE FOR OIL AND GAS

3. Parcel Number 21-80

4. State Utah U 11604

Undersigned hereby offers to lease for oil and gas all or any portion of the above-identified parcel of land which may be available for noncompetitive leasing, and certifies that the: (1) applicant is a citizen of the United States, an association of such citizens, a partnership, a corporation organized under the laws of the United States or any State thereof, or a municipality organized under the laws of such a State; (2) applicant's interests in oil and gas offers to lease, leases, and options do not exceed the limitation provided by the Mineral Leasing Act of February 25, 1920, as amended; and (3) applicant is the sole party in interest in this offer and the lease if issued, or if not the sole party in interest, that the names and addresses of all other interested parties are set forth on the reverse hereof. The undersigned agrees that the successful drawing of this card will bind him to a lease, on Form 3120-19 (4-1158) or 3200-3 (4-1196), and to the extent applicable, the stipulations provided for in 43 CFR 3103.2 for the described parcel or any portion thereof if such a lease is issued by the Bureau of Land Management as a result of this drawing.

5. *Virginia G. Stouffer*
(Signature of Applicant)

APR 24 1970

(Date)

211 W. 9th STR. CHEYENNE, WYO. 82001

(Address, include zip code)

DO NOT DETACH

USO 3110-4
(8/69)

Serial No. U- 11604

STIPULATIONS FOR LANDS IN OIL SHALE WITHDRAWAL,
EXECUTIVE ORDER 5327 OF APRIL 15, 1930

The lessee under the above oil and gas lease hereby agrees that the following agreement and stipulations are by this reference incorporated as terms and conditions of said lease as to the following lands:

All lands in the lease

The lessee agrees that:

1. No wells will be drilled for oil or gas except upon approval of the Regional Oil and Gas Supervisor of the Geological Survey, it being understood that drilling will be permitted only in the event that it is established to the satisfaction of the Supervisor that such drilling will not interfere with the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods or that the interest of the United States would best be served thereby.
2. No wells will be drilled for oil or gas at a location which, in the opinion of the Regional Oil and Gas Supervisor of the Geological Survey, would result in undue waste of oil shale deposits or constitute a hazard to or unduly interfere with mining or other operations being conducted for the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods.
3. When it is determined by the Regional Oil and Gas Supervisor of the Geological Survey that unitization is necessary for orderly oil and gas development and proper protection of oil shale deposits, no well shall be drilled for oil or gas except pursuant to an approved unit plan.
4. The drilling or the abandonment of any well on this lease shall be done in accordance with applicable oil and gas operating regulations including such requirements as the Regional Oil and Gas Supervisor of the Geological Survey may prescribe as necessary to prevent the infiltration of oil, gas or water into formations containing oil shale deposits or into mines or workings being utilized in the extraction of such deposits.

(Signature)

USC 3110-1
Y/703110
U- 11604

STIPULATION

As to lands administered by the Bureau of Land Management under the above oil and gas lease, the lessee hereby agrees that the following stipulations are by this reference incorporated as terms and conditions of said lease:

Before undertaking any exploratory operations involving use of bulldozers, earth-moving, or similar mobile equipment which may result in scarring of public lands, damaging surface resources, or inducing erosion thereon, he or his designee shall submit in writing to the Bureau of Land Management District Manager in the District in which the land is located, advance notice of such operation. Said operations include but are not limited to exploratory drilling, construction of access roads or airstrips, and the conduct of seismic operations.

Lessee

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)
303-312-8168

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**660' FNL, 1978 FWL
NENW, Sec. 22-T12S-R15E**

5. Lease Serial No.
UTU011604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No
Stobin Federal #21-22

9. API Well No.
43-007-30041

10. Field and Pool, or Exploratory Area
NINE MILE CANYON

11. County or Parish, State
Carbon, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY IS BEING SUBMITTED AS A FOLLOW-UP TO P&A OPERATIONS FROM 6/20/2006 - 6/27/2006. ATTACHED IS THE FINAL P&A OPERATIONS AND WELLBORE DIAGRAM OF THE ABOVE-MENTIONED WELL.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Matt Barber

Title **Permit Analyst**

Signature

Matt Barber

Date

07/25/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on page 2)

JUL 31 2006

DIV. OF OIL, GAS & MINING

Well: Stobin Federal 21-22**Location : 660' FNL; 1,978' FWL; NENW 22-T12S-R15E; Carbon County, Utah****API : 43-007-30041****Lease #: UTU011604****Objective: Plug and Abandon Well.****Start Date: 6/20/2005****End Date: 6/27/2006**

Report #	Ops. Date	Supervisor	
24	6/27/2006	LeLand Evans	
Start Time	End Time	Description	
07:00 AM	09:00 AM	rig down well service unit and equipment move off loc.	
Report #	Ops. Date	Supervisor	
23	6/26/2006	LeLand Evans	
Start Time	End Time	Description	
06:00 AM		Enter the description here	
Report #	Ops. Date	Supervisor	
22	6/25/2006	LeLand Evans	
Start Time	End Time	Description	
07:00 AM	01:00 PM	Cutt off tbq head , 9-5/8" and 4-1/2" casing weld 3/8"plate over surface and 4-1/2" casing	
Report #	Ops. Date	Supervisor	
21	6/24/2006	LeLand Evans	
Start Time	End Time	Description	
06:00 AM	07:00 AM	SI. Wait on Halliburton Crew to show on Loc.	
07:00 AM	08:30 AM	Rig HES pump 3 bbl hit no pressure in 4-1/2" casing and surface csg.	
08:30 AM	09:30 AM	Mix 25 SXS AG300 with 2-1/2% CACL2 and 10# Diamond seal pump down 4-1/2" and 9-5/8" casing . pumped first 3 bbl down 9-5/8 casing. pumped remainder down 4-1/2 "	
09:30 AM	10:30 AM	wait on cement to set	
10:30 AM	02:00 PM	try to pressure up on cement . no pressure test. wait on cement from Vernal	
02:00 PM	04:00 PM	Mix and pumped 50 SXS AG300 cmt. 4-1/2" casing squeezed. 9-5/8 pressure up to 1000 psi leak off at 100 psi 5mins. tryed pressures at 500 , at 400, 300,200 all had the same leak off. casing holding 160 psi and fluid level at surface.	
04:00 PM	04:00 PM	SI	
Report #	Ops. Date	Supervisor	
20	6/23/2006	LeLand Evans	
Start Time	End Time	Description	
06:00 AM	07:00 AM	SI: 0 psi	
07:00 AM	09:00 AM	rig HES pump truck to 4-1/2 casing and 9-5/8 Pressure up on #3 squeeze job. to 500 psi. 100 lb. leakoff in 1 min.	
09:00 AM	09:30 AM	rig Black Warrior EL. Shoot 4SPF squeeze holes @ 60 ft. POOH rig down EL.	
09:30 AM	10:30 AM	rig HES Mix and pump 25 SXS AG300 cement with 3% CACL2 15.80 lb. Yield 1.15 Water 5.00 down 4-1/2 casing up 9-5/8" surface. 6.8 bbl.	
10:30 AM	11:30 AM	wait on cement to set.	
11:30 AM	12:00 PM	pumpd 3 had no cement fail down hole	
12:00 PM	12:30 PM	rig HES Mix and pump 50 sxs type AG300 with 2-1/2% CACL2 pump past squeeze holes @ 60 ft. ad shut down	
12:30 PM	02:30 PM	wait on cement to set up	

02:30 PM	04:00 PM	pump 3 bbl water had no pressure. Mix 25 SXS AG300 with 2% CACL2 pumped hit no pressure no squeeze.
04:00 PM	04:00 PM	SI

Report #	Ops. Date	Supervisor	
19	6/22/2006	LeLand Evans	
Start Time	End Time		Description
06:00 AM	07:00 AM	SITP:0 SICP:0	
07:00 AM	08:00 AM	rig HES to pump cement.	

08:00 AM	09:00 AM	HES. pumped 5 bbl fresh water spacer ahead of cement. mix 10 bbl. 15# cement with water loss . 50 sxs 15.8# cement, 3% HALAD-344, 2%CFR-3 . Weight (lb/gal) 15.80 Yield (cuft/sk) 1.15 Water (gal/sk) 5.00 flushed cement to retainer and left 1 bbl on top of retainer @ 6768 stung out of retainer layed down 7 joints cleaned up tbg.
09:00 AM	09:30 AM	mix 9PPG gel water pumped in 4-1/4 above retainer. POOH lay down 54 joints EOT @ 4850
09:30 AM	10:30 AM	mix and pump 9# gel water 6.1 bbls mix and pump 30 sxs 15.8 # AG300 Neat cement. (LB/Gal) 15.80, Yield (cuft/sk) 1.15 Water (gal/sk) 5.00
10:30 AM	12:00 PM	POOH lad down 72 joints 2-3/8 tbg. pOOH stand back 2300 ft.
12:00 PM	01:30 PM	Rig Black Warrior EL. PU HES 4-1/2" cement retainer RIH set @ 2300 ft. POOH rig down
01:30 PM	03:00 PM	PU cement stinger RIH with tbg. space out to retainer. sting in

03:00 PM	04:00 PM	Rig HES equip. break circ up surface pipe. with 36 bbl Mix and pump 175 sxs. of AG300 15.80 lb. with additives of 2.5% CACL2 Yield (1.15 Water 5.00 squeeze in 4 bbl at 700 psi stung out of retainer layed down 4 joints mix and circ 9# gel water
04:00 PM	05:30 PM	POOH lay down tbg. 71 joints
05:30 PM	05:30 PM	SI

Report #	Ops. Date	Supervisor	
18	6/21/2006	LeLand Evans	
Start Time	End Time		Description
06:00 AM	07:00 AM	SITP:125 psi. SICP: 0	
07:00 AM	07:20 AM	pump 20 bbl down tbg.	
07:20 AM	08:30 AM	work tbg . tbg came free. PU run in hole 5 jts. tag PBTD @ 6933 ft.	
08:30 AM	01:00 PM	POOH tally tbg. tubing had 1000 lb over drag up to 5900 ft. came free. POOH tally 214 joints J-55tbg.	
01:00 PM	03:00 PM	MIRU Black Warrior Wire line unit. PU 4-1/2" cement retainer RIH set @ 6768 ft. POOH rig down EL.	
03:00 PM	04:30 PM	PU HES cement retainer stinger trip in hole 212 joints space out to sting retainer.	
04:30 PM	05:30 PM	rig Haliburton Cement equipment. pump injection test. 6 bbl fill tbg had formation break @ 4800 psi injected @ 2800 psi @ 2 BPM. pressure was going up.	
05:30 PM	05:30 PM	SI. crew travel	

Report #	Ops. Date	Supervisor	
17	6/20/2006	LeLand Evans	
Start Time	End Time		Description
06:00 AM	09:30 AM	Move in well service unit.	
09:30 AM	10:30 AM	Rig up well service unit	
10:30 AM	10:45 AM	SITP: 1050, SICP: 1000 psi. SISC: 0 psi.	
10:45 AM	04:30 PM	blow down tubing to 70 psi casing bled down to 0 psi. attempted to fill casing off of water truck. wait on rig pump and tank. top kill tbg with 15 bbl.	
04:30 PM	06:00 PM	nipple down tree/ nipple up Weatherford BOPs. attempted to pull tbg/ tbg stuck. pulled 65,000 lb.	
06:00 PM	06:00 PM	shut in for night.	

Actual P&A Schematic

Updated: 7/5/2006 JMM

Original

Spud: 08/21/78

TD: 10/02/78

Depth: 7,006' MD Mesaverde

Elevation: 7,195' GR 7,211' RKB

Capacity 4-1/2" casing: 0.0155 bbl/ft

Capacity 9-5/8" x 4-1/2" annulus: 0.0576 bbl/ft

STOBIN FEDERAL 21-22

BBC: 10083

State: Utah

County: Carbon

Field: 9 Mile

Operator: BBC

WI: 100%

Status: SI Mesa Verde Gas Well

API: 43007300410000

SFL: NENW 22-12S-15E

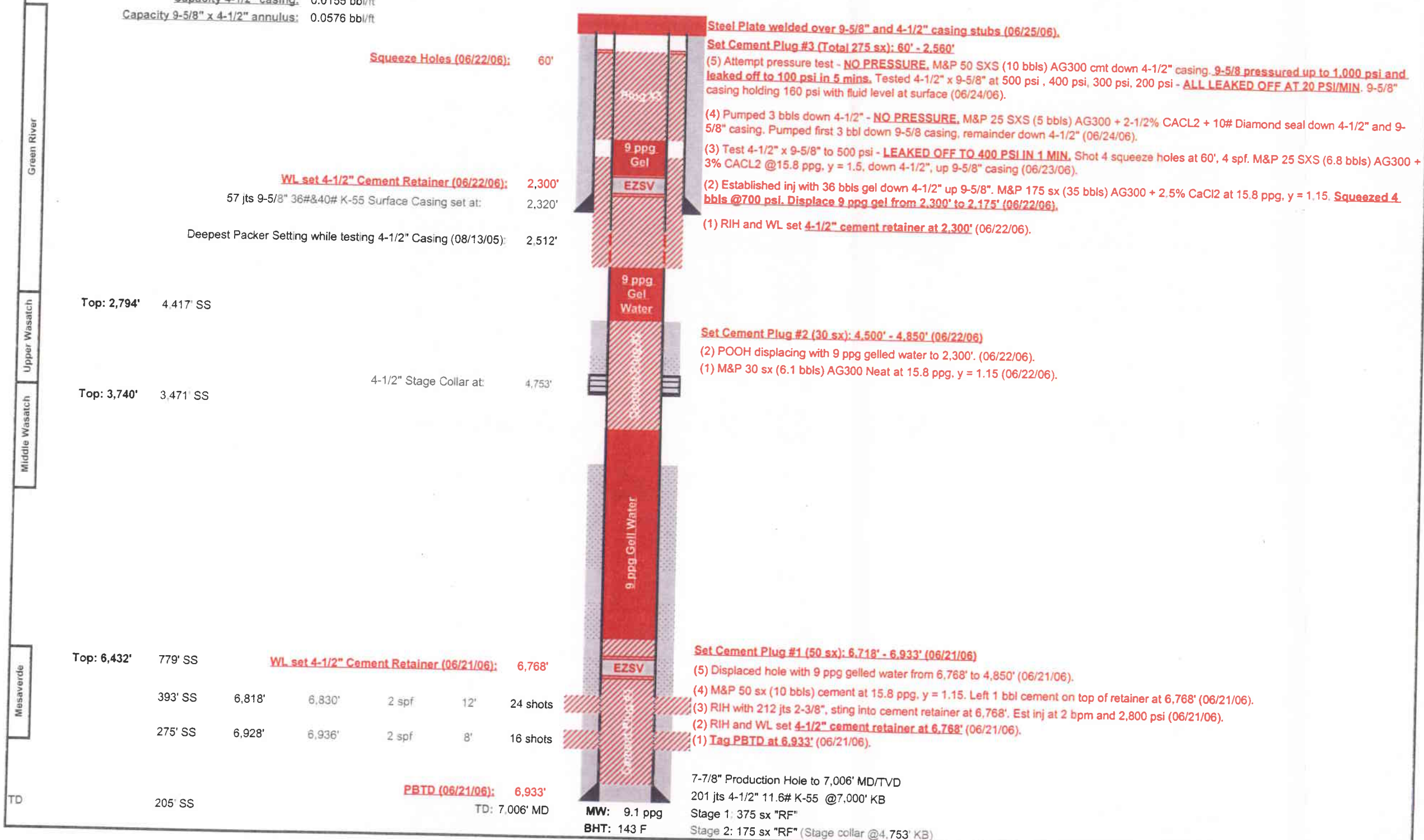
FNL: 660 ft

FWL: 1,978 ft

NRI: 82.5%



Bill Barrett Corporation



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.

utu 011604

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Stobin Federal #21-22

9. API Well No.

43-007-30041

10. Field and Pool, or Exploratory Area

West Tavaputs/Mesaverde

11. County or Parish, State

Natrona County, Wyoming

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

BILL BARRETT CORPORATION

3a. Address

1099 18th Street Suite 2300 Denver CO 80202

3b. Phone No. (include area code)

303 312-8120

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**660' FNL x 1978' FWL
NE/4 NW/4 Section 22-T12S-R15E**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY IS BEING SUBMITTED TO REQUEST PERMISSION TO P&A THIS WELL PER THE ATTACHED PROCEDURE.

BBC WILL BE UTILIZING THIS WELL LOCATION TO DRILL 4 WELLS IN THE IMMEDIATE FUTURE DURING OUR 2006 PROGRAM. CONSEQUENTLY BBC WOULD ANTICIPATE BEGINNING OPERATIONS AS EARLY AS JUNE 19, 2006.

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date:

6/16/06

By:

[Signature]

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Debra K. Stanberry

Title **Permit Specialist**

Signature

[Signature]

Date

06/14/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

JUN 15 2006

DIV. OF OIL, GAS & MINING



Bill Barrett Corporation

Stobin Federal 21-22
LOCATION 660' FNL & 1,978' FWL
NENW SECTION 22-T12S-R15E
CARBON COUNTY UTAH
API #43-007-30041
LEASE #UTU011604

AFE # TBA W.I. 100.000%

September 22, 2005

Elevation: KB = 7,211' GL = 7,195'

BHT: (OH) 138 degrees F

Surface Casing: 9.625", 36.00# & 40#, K-55, ST&C Set @ 2,320' KB

Production Casing: 4.50", 11.60#, K-55, LT&C Set @ 7,000'.
Float Collar @ 6,969'
Drift Dia 3.875" Burst 5,350 psi Collapse 4,960 psi
Capacity = 0.0155 bbl/lin. Ft. 0.0872 Cu. Ft./Ft.
Cemented w/ 375 sks "RF" Stage 1.
Stage Collar @ 4,753'
Cemented w/ 175 sks "RF" Stage 2.
4-1/2 x 9-5/8 annular capacity = 0.3236 Cu. Ft./Ft.

TOC: Stage I: 5,760'; Stage II: 4,330'

PBTD: 6,953'

Production Tubing: 2-3/8", 4.7#, K-55, 8rd landed at 6,793'

Interval	Formation	Perforations		JSPF	Volume	Comments
1	Mesa Verde	6,928'	6,936'	2	24 shots	130K# frac 11/10/78 screaned out in 4 ppg stage. Cum 133 mmcf.
2	Mesa Verde	6,818'	6,830'	2	16 shots	

***** Depths correlated to Schlumberger DIL/BHC/CNL dated 10-02-1978.**



Bill Barrett Corporation

Stobin Federal 21-22
LOCATION 660' FNL & 1,978' FWL
NENW SECTION 22-T12S-R15E
CARBON COUNTY UTAH
API #43-007-30041
LEASE #UTU011604

Plug and Abandon Procedure

- 01 PU EZSV type squeeze packer and TIH on tubing to +/- 6,768' and displace hole with 9 ppg gelled lease water. Set cement retainer @ +/- 6,768'.
- 02 Establish injection rate into Mesa Verde intervals #1 & #2 perfs @ 6,928-36' and 6,818-30' with 9 ppg gelled lease water.
- 03 Mix and pump 50 sx (10.3 bbls) "G" cement. Displace cement with 9 ppg gelled lease water and squeeze 5 bbls of cement into the formation leaving 3 bbls of cement in the casing. Sting out of retainer and displace 1 bbls (64') of cement on top of retainer with 9 ppg gelled lease water. ETOC: +/- 6,700' (> 100' above top perf.).
- 04 TOOH laying down 2-3/8" tubing. LD stinger. TIH open ended to 4,850'.
- 05 Mix 30 sx "G" cement and spot 300' plug balanced with 9 ppg gelled lease water across 4-1/2" stage tool (set at 4,753') from 4,850' to 4,550'.
- 06 TOOH with remainder of tubing.
- 07 RU WLU and shoot squeeze holes at +/- 2,200' (100' above 9-5/8" shoe). PU second EZSV type squeeze packer, TIH and set same at 2,300' (100' below top squeeze perforations and 300' above hole in 4-1/2" casing). Establish injection down tubing and up the 4-1/2" backside with returns through the squeeze perforations at 2,200' and up the 2-3/8" tubing x 4-1/2" casing annulus.
- 08 Mix and pump 117 sx (25 bbls) "G" cement. Displace slurry to top squeeze perforation with 20 bbls 9 ppg gelled lease water. Close surface casing valve and squeeze surface casing shoe with additional 4 bbl cement. Sting out of retainer and leave 1 bbl (64') of cement on top of retainer. ETOC: 2,136' inside of 4-1/2" casing.
- 09 TOOH laying down tubing.
- 10 WOC and test 4-1/2" x 9-5/8" annulus to 500 psi.
- 11 Shoot squeeze holes @ 60'. Circulate 25 sx (5.25 bbls) "G" cement down 4-1/2 casing and back to surface up 4-1/2 x 9-5/8 annulus.
- 12 ND BOPs and tubing head.
- 13 Cut off casing head and install dry-hole marker.

Proposed P&A Schematic

Updated: 9/1/2005 JMM
Original
Spud: 08/21/78
TD: 10/02/78
Depth: 7,006' MD Mesaverde
Elevation: 7,195' GR 7,211' RKB

STOBIN FEDERAL 21-22

BBC: 10083 Status: SI Mesa Verde Gas Well
State: Utah API: 43007300410000
County: Carbon SFL: NENW 22-12S-15E
Field: 9 Mile FNL: 660 ft
Operator: BBC FWL: 1,978 ft
WI: 100% NRI: 82.5%

Tree Cap: 2" x 5M Flange
Tubing Hanger: WKM 6" x 2-3/8" 5M
Casing Head: WKM 12" x 13-3/8" 5M



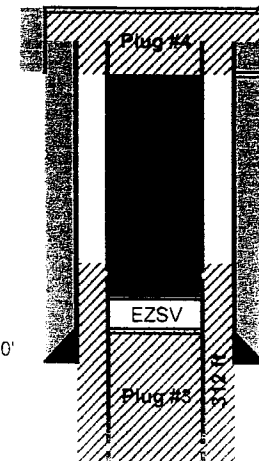
STOBIN FEDERAL 21-22

State: Utah API: 43007300410000
County: Carbon SFL: NENW 22-12S-15E
Field: 9 Mile FNL: 660 ft
Operator: BBC FWL: 1,978 ft
WI: 100% NRI: 82.5%

ID 2-3/8" tubing: 1.995"
Capacity 2-3/8" tubing: 0.0039 bbl/ft 2,300' 8.9 bbls
ID 4-1/2" casing: 4.00"
Capacity 4-1/2" casing: 0.0155 bbl/ft
Capacity 9-5/8" x 4-1/2" annulus: 0.0576 bbl/ft

57 jts 9-5/8" 36#&40# K-55 Surface Casing set at:

2,320'



1/4" thick welded Surface Cap with weep hole.
Cut 4-1/2", 9-5/8" and 16" at base of cellar.
Insure that 13-3/8" and 13-3/8" x 9-5/8" annulus have 50' cement coverage.

Cement Plug #4: Surface - 60' inside 4-1/2" casing and 9-5/8" x 4-1/2" annulus

Shoot squeeze holes at 69', 4 spf. Circulate "G" cement down 4-1/2" and up 9-5/8" x 4-1/2" to surface.

60'	0.058 bbl/ft	3.5 bbls	16 sx	Fill 9-5/8" x 4-1/2" annulus
60'	0.016 bbl/ft	0.9 bbls	4 sx	Fill 4-1/2" casing
		4.4 bbls	21 sx	Required cement

Cement Plug #3: 2,300' - 2,512' inside 4-1/2" casing and 2,512' - 2,200' on 4-1/2" backside

2,200'	0.016 bbl/ft	1.6 bbls	7 sx	4 squeeze holes
2,300'				Set cement retainer
312'	0.056 bbl/ft	17.5 bbls	83 sx	Fill 4-1/2" backside from 2,512' to 2,200' (+/- 100' above 9-5/8" shoe).
212'	0.016 bbl/ft	3.3 bbls	16 sx	Fill 4-1/2" casing
		2.1 bbls	10 sx	Excess
		24.5 bbls	117 sx	Slurry volume plug 3
2,512'				Bottom of plug #3

Cement Plug #2: 4,550' - 4,850'

Mix and Pump sufficient slurry volume to fill 300' of cased hole from 2,500' - 2,200' - 10% excess per 1,000' of depth.
Mix 30 sx (6 bbls slurry) "G" cement.
Displace open ended 6 bbls of cement inside 4-1/2" casing while POOH from 4,850' to 4,550' (ETOC: 4,550').
Test cement plug #2 to 1,000 psi.

CBL (08/09/05): Stage I TOC at 5,760.

Cement Plug #1: 6,850' - 6,950'

Mix and Pump sufficient slurry volume to fill 100' of cased hole from PBTD + 10% excess per 1,000' of depth:
Mix 35 sx (8 bbls slurry) "G" cement.
Squeeze 5 bbls of cement into formation. Leave 2 bbls of cement inside casing for a +/- 100' plug (ETOC: 6,850').

7-7/8" Production Hole to 7,006' MD/TVD
201 jts 4-1/2" 11.6# K-55 @7,000' KB
Stage 1: 375 sx "RF"
Stage 2: 175 sx "RF" (Stage collar @4,753' KB)

PBTD: 6,953' MD
TD: 7,006' MD

MW: 9.1 ppg
BHT: 143 F

Top: 2,794' 4,417' SS

Top: 3,740' 3,471' SS

Top: 6,432' 779' SS

393' SS 6,818' 6,830' 2 spf 12' 24 shots

275' SS 6,928' 6,936' 2 spf 8' 16 shots

205' SS

Green River

Upper Wasatch

Middle Wasatch

Mesaverde

TD

TD	
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